

# FOLIO

UNIVERSITY  
OF ALBERTA

EDMONTON

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## Successful lift-off to fund-raising campaign

*We're almost half way there*

By Lee Elliott

Gifts that remember the impact the University of Alberta had on lives and gifts that hope to seed a better future were all part of \$70 million dollars already contributed to the University's \$144.65 million campaign.

Nearly 700 people gathered at the MacLab Theatre Tuesday, April 2, for the public launch of the University's largest ever fund-raising campaign.

It was an evening filled with dignitaries, corporate leaders and proud alumni. But the stars of the show were donors—recognized with video segments shown on wide screen panels. Harriet Winspear, wife of the late Francis Winspear, received a standing ovation as she walked to the stage to announce that the University's most generous donor had bequeathed another \$4 million to the U of A Faculty of Business. "If he were here," she said, "I believe, Francis would look you in the eye and challenge you to do your part..."

Charles Chan, BEng '79, has already financed the U of A education of two students in memory of his father, Chan Pang Kuen. His memorial scholarship fund and support for the prototype development of industry are all part of the more than \$6.5 million Chan has donated to the U of A.

Please see pages 7-10 for more campaign coverage.



President Rod Fraser gets a warm hug as he greets Harriet Winspear.

### WHAT'S INSIDE

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### What was said...

at the April 2 campaign launch.

"The University of Alberta is the main reason our city was designated a smart city... This [U of A] is the greatest asset of the City of Edmonton. It is our number one jewel."

Edmonton Mayor Bill Smith



"Public funding has created and nurtured first class institutions like the University of Alberta all over this country. However, the reality is that government can no longer do it alone. All of us must make a contribution to the maintenance and enhancement of our post-secondary institutions."

Federal Minister of Natural Resources Anne McLellan



"The students at the U of A are 100 per cent supportive of the fund-raising campaign. We're excited about the University partnerships between the University and individuals and corporations such as yourselves. We're also excited about the increase in quality of education that will be a direct result of your generous support."

U of A Student Union President Garrett Poston



"Canada's future depends on the quality of its post-secondary institutions. We need to bring the University of Alberta to the forefront in quality teaching, research, and community service. And we can do that with the help of some great people...those who attend our university, those who teach at our university, and those who provide all of us with support and understanding."

The Rt. Honorable Don Mazankowski, campaign co-chair



## Combined degree programs to merge content and pedagogy

*GFC approves—Board of Governors approval sought next*

By Michael Robb

General Faculties Council approved the following three combined degree programs which will take effect 1998/99 if they receive Board of Governors approval:

- Bachelor of Arts (Native Studies)/ Bachelor of Education (Secondary Education);
- Bachelor of Music/Bachelor of Education (Secondary Education); and,
- Bachelor of Physical Education and Recreation/Bachelor of Education (Elementary Education).

This direction in education has been developing speed over the last few years, and the trend is expected to continue, Vice-President (Academic) Dr. Doug O'wram told GFC members, at their regular meeting, March 24.

According to Dr. Fern Snart, associate dean of undergraduate student services in

the Faculty of Education, each of the combined degree programs allows students to complete degrees in their two chosen faculties in five rather than six years, while still maintaining the core of each faculty's program. The combined programs enable students to become knowledgeable in a chosen content area and integrate that knowledge with teaching pedagogy, she explained.

The traditional four-year program followed by a two-year after degree program does not provide meaningful integration of content and pedagogy, she says.

Dean of Science Dr. Dick Peter said the combined BEd/BSc is a good model and is working well. The proposed three new programs are similar, he pointed out.

The BA (Native Studies)/BEd and the BA (Music)/BEd program are expected to have 25 students each, once they're in full

swing. The BPE/BEd is expected to have 100 students once it's fully operational.

Director of the School of Native Studies James Dempsey responded to some GFC members' concerns about the admission requirements. The admission requirements state: "To correct an historic disadvantage, preference will be given to applicants of Native ancestry." Admissions will be governed by the School's limited resources and certainly the students' qualifications will be examined closely, he said.

"We don't want to set up any student for failure," he said. However, in Nova Scotia bands have taken over responsibilities for education, and if that happens in Alberta, there will be a demand for native teachers. The U of A could become the place where those students are educated, he speculated. ■



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*Support the quest for the brightest and the best –  
outstanding people for an outstanding future.*

...it makes sense.





## EFF—DISTINGUISHED VISITORS FUND

### APPLICATION DEADLINE

The deadline for receipt of applications to the Endowment Fund for the Future—Distinguished Visitors Fund is 30 April, 1997. Ranked proposed are forwarded through deans, whose deadlines will be earlier.

The EFF - Distinguished Visitors Fund is available to support visits by individuals who are widely recognized, who have achieved a high level of distinction in their field, and whose presence on this campus is likely to have a significant impact.

Application forms and information can be obtained from your dean's office, or from the Office of the Associate Vice-President (Academic); telephone 8182.

## EFF—THE FUND FOR THE SUPPORT OF INTERNATIONAL DEVELOPMENT ACTIVITIES (FSIDA)

### APPLICATION DEADLINE

The deadline for receipt of applications to the EFF - Fund for the Support of International Development Activities (FSIDA) is April 15, 1997.

This Fund exists to enable staff and graduate students (normally PhD candidates) of the University of Alberta to participate in the international transfer of knowledge and expertise through partnerships in developing countries. The countries involved include those on the CIDA list, but can also include, in special circumstance, parts of the former Soviet Union.

Application forms are available from the Associate Vice-President (Academic) Office, 3-5 University Hall; telephone: 8182.

## FOLIO

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*Folio's* mandate is to serve as a credible news source for internal audiences by communicating accurate and timely information about issues, programs, people and events.

### DEADLINES:

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**University  
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# Mike Sieben keeps three balls in the air: sport, academe and community service

## Bears volleyball player finds it all at U of A

By Michael Robb

When University of Saskatchewan student Mike Sieben finished his MSc, he knew he wanted to do two things: earn a PhD and continue playing volleyball. Both were important. But he wasn't willing to settle for a school that wasn't solid in both areas.

Sieben, who played for two years for the U of S volleyball squad, headed west down highway 16—and the Bears volleyball team is glad he did. A key player in the team's recent national championship win, Sieben not only ended up scoring big on

the court, he ended up producing big in the lab as well. He recently presented research at an optical fibre conference that caught the attention of the fibre optics world. His work involves the improvement of long-distance digital transmissions.

"The quality of the fibre optics work being done here is incredible and there's good corporate sponsorship which allows students to work on top-of-the-line equipment," says Sieben, whose thesis advisors are affiliated with TRLabs, a joint industry and university collaborative enterprise in

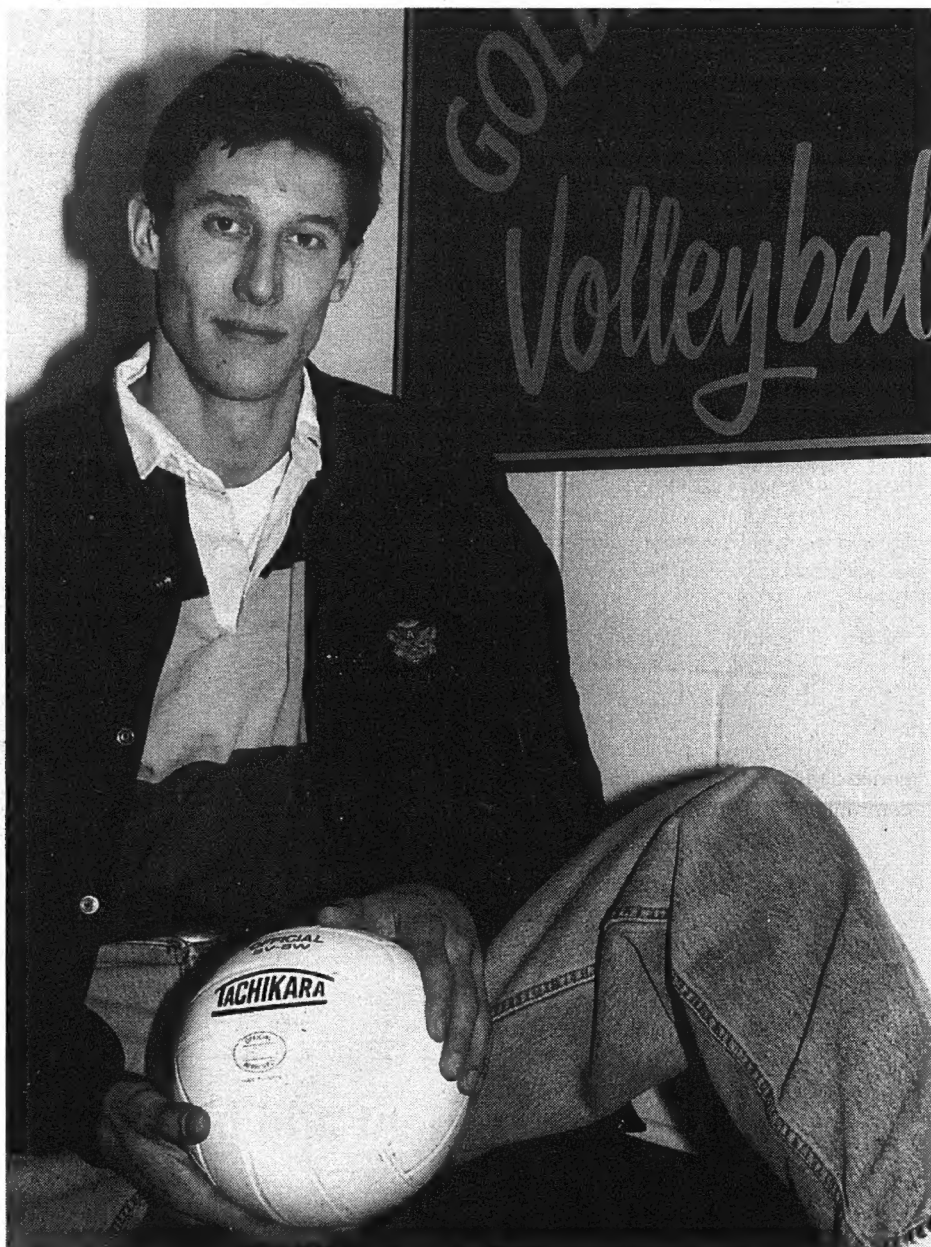
applied telecommunications research.

"The U of A is one of the superior universities in Canada for combining the two, [sports and academics]," says the soft-spoken, six-foot, seven-inch giant. "Both programs required more than I could give, so I had to make compromises."

Maybe so, but he still ended up being awarded several prestigious scholarships [see list], winning a national championship—and squeezing in community service whenever he could. Sieben says he learned something along the way, something that will likely serve him well in his career:

Judge people on their performance and extended performance, rather than on first impressions. The cocky guy sometimes ends up being a genuine, caring person. The person you think can't physically get the job done, ends up being a team leader. "I've learned to give people a chance."

It cuts both ways. Employers are just as likely to give the guy who gives people a chance a job. He's optimistic once he's finished his doctoral work, a job will be at the end of the line. It is, however, the end of the line for his volleyball career at the U of A. "I prepared myself that this would be my last year; eventually you have to move on." ■



Mike Sieben

### NORTH BATTLEFORD NATIVE MIKE SIEBEN

#### On the court...

- CIAU champion, 1996/97
- CWUAA all-star, 1996/97
- Bears co-captain, 1996/97
- Team leader in service aces
- All-star in Winnipeg, Saskatchewan tournaments

#### In the classroom...

- Earned an MSc at University of Saskatchewan
- Hopes to finish PhD in electrical engineering in April 1998
- NSERC Scholarship recipient for two years
- TRLabs Fellowship recipient
- Walter Johns Scholarship recipient

#### In the community...

- Volunteered at YMCA, Westmount Fitness Club for children, ages 12-14
- Volunteer instructor, track and field
- Active member of the U of A's "Kids in the Crowd" program to promote awareness of U of A athletics in Edmonton's junior high schools

## Managing change is the challenge, says Weldwood president

By Judy Goldsand

"The only constant throughout my business life has been managing change," said George Richards, President and CEO of Weldwood of Canada Ltd. Richards was in Edmonton March 20 to deliver the 38th lecture in the Forestry Industry Lecture Series.

In his talk, entitled "Managing Change," Richards said graduates entering the industry need a broad set of skills including an understanding of environmental factors, management systems, communications, and technology, and the creativity to apply these skills.

Speaking on campus to an overflow crowd of students and industry personnel, Richards said the two fundamental challenges facing the forest industry are environmental stewardship, and global competitiveness. The environmental movement has been the impetus for much change, he said. It has driven public demand for sustainability and stew-

ardship of our forest resources. The industry in Canada responded by setting national standards and working to develop international standards. Improved forest management has been the result, he said.

Global competitiveness is especially significant, said Richards. Forestry is Canada's largest industry with more than \$53 billion in sales in 1995. It has been the country's largest growth industry over the past eight years, and employs one in 15 Canadians. Canada is the largest exporter of forest products in the world, accounting for roughly 15 per cent of total forest products.

In Alberta, industry sales have increased from 800 million dollars in 1988 to over four billion dollars in 1996, making forestry the province's third largest primary industry.

"The consequences of our industry not being successful are dire for our

country," said Richards. Lower cost regions of the world pose a serious competitive threat. Eucalyptus, pine and acacia crops in Indonesia or Brazil mature in five or six years, while timber in Canada can take 10 times as long to mature. Costs in Brazil to manufacture pulp are two-thirds the cost of production in Canada. Other threats to the industry are the tremendous volatility in prices, and shrinkage of the industrial forest land base in North America.

But resource constraints have also driven the industry to become more innovative, said Richards. They have led to development of new products from wood fibre and of new marketing strategies. Continuous improvement through research is fundamental to maintaining success in a climate of change, he said.

While in Edmonton, Richards presented a \$500,000 gift from Weldwood to the U of A. ■



# India's former finance minister among honorary degree recipients

## Old friend, writer Robert Kroestch, will also be honored

By Michael Robb

India's former finance minister, Manmohan Singh, will be one of seven to receive an honorary degree from the University of Alberta at its annual Spring Convocation ceremonies, this year scheduled for June 2-5 and 9-11.

Also receiving degrees are: Dr. Christopher Somerville, a Stanford University molecular biologist; Charles Chan, a leading Hong Kong industrialist; Dr. Mamora Watanabe, a former University of Calgary dean of medicine and now professor of internal medicine; William Hurlburt, a leading advocate of law reform in Alberta; Dr. Per-Ingvar Brånemark, a pioneer in osseointegration biotechnology; and, Robert Kroetsch, a prominent Canadian novelist and essayist.

■ **Manmohan Singh** is the architect of India's market-oriented economic liberalization program. He has played a key role in convincing the world that his country is committed to trade liberalization and freer markets. He played a crucial role in the historic signing by India of the Uruguay Round of the General Agreement of Tariffs and Trade.

■ **Per-Ingvar Brånemark**, a Swedish professor, will receive an honorary degree to recognize his innovative work in the area of osseointegration biotechnology. His remarkable and unique work has improved the quality of life for thousands of people who have suffered the absence or loss of body parts. As a result of Brånemark's pioneering work, osseointegrated implants have become routine in the replacement of teeth, jaw reconstruction, cleft palate work and orthodontics.

■ **Charles Chan**, who earned his Bachelor of Engineering degree in 1979, has made his mark in the world of business. The chairman and chief executive officer of the Paul Y-ITC Corporation, a construction

company which he has built into a major corporation with world-wide interests, and chairman of Tak Cheung Holdings Ltd. has risen to become one of the leading industrialists in the Asian economy. Chan also has an interest in the Oxford Group, one of Canada's leading development companies.

■ **William Hurlburt**, who earned his BA in 1948 and his LLB the following year from the the U of A, has had an enormous impact on law reform in the province and nationally. He served as director of the Alberta Law Reform Institute from 1975 to 1986 and remains a consultant and counsel for the Institute. He has published extensively and made notable contributions to strengthen the ethics of members of the legal profession and was a member of a panel recommending rules of conflict of interest for cabinet ministers, MLAs and senior public servants.

■ **Robert Kroetsch** published his first novel, *But We Are Exiles*, in 1965. *Words of My Roaring* was published the following year. And in 1969, *The Studhorse Man* was awarded the Governor General's Award for Fiction. He went on to publish five more novels, 10 books of poetry and two works of non-fiction. Born and raised in Central Alberta, Kroetsch earned his first degree, a Bachelor of Arts, from the U of A.

■ **Christopher Somerville** is also an alumnus, earning an undergraduate and both of his graduate degrees in genetics. He pioneered a molecular genetic method to study photorespiration in plants. He chose a common weed, *Arabidopsis*, for his study and in the process developed it as a model for plant genetics and molecular biology that is now used throughout the world. One of the world's leaders in plant molecular biology, Somerville has used genetic engineering techniques to improve commercially useful biochemical path-

ways, such as changing the composition of edible oils in higher plants.

■ **Mamora Watanabe**, the former dean of the Faculty of Medicine at the University of Calgary, will be recognized for his contributions to health research, physician resource management and medical information technology. Over the course of his career, he has challenged health-care providers to re-examine how they allocate

resources. His recent publications have focused on the provision of health care in under-served regions and, in particular, on the influence of undergraduate and postgraduate education on recruitment and retention of physicians in rural Alberta.

Writer Robert Kroetsch will return to his alma mater to receive an honorary degree. ■



### GOTTA LOVE THIS JOB

Industrial Design student Shannon Majewski tries out a new toy designed by fellow student Joshu DeCartier. The spiral is a part of the intricate working's of DeCartier's Rube Goldberg contraption which uses a variety of mechanisms to propel a small metal bearing from point a to b with as much entertainment value as possible. Professor Bruce Bentz says that while the assignment is fun, "the point is to teach students about the applications of simple mechanisms." After building their own contraptions, students take a walk through the workshop and find the same mechanisms at work in machines they use every day. DeCartier's spiral was created with the help of the new computer numeric control panel router.

## Michener Park Muslim residents protest loss of prayer room

15 non-student residents also given eviction notices

By Lee Elliott

Sixty Muslim residents of Michener Park and 91 other supporters have signed a petition protesting what they call the "grossly unfair treatment of the Muslim Community by HFS [Housing and Food Services]."

The issue involves free space the Muslim group has used for the past seven years as a prayer room. At the beginning of February, they received notice to evacuate effective March 31. HFS Director David Bruch says as of May 1 the Park will be full and at least 30 students are on a waiting list hoping to move in the summer. He expects that list to grow in the next few weeks.

The Muslim group has been given a temporary extension of the eviction notice, and at a meeting April 2, HFS staff agreed

"I would say many would leave, ultimately if not immediately."

Munawar Saudagar

to work with them to try to identify any space in the Park that might be converted for use as a prayer room.

Munawar Saudagar, spokesman for the Muslim residents of Michener Park says prayer is an obligation. "We have to pray five times a day. Otherwise we'd have to drive in the morning to the mosque which is about five kilometres." Morning prayers can take place as early as 3 and 4 a.m., he says. It is unlikely resi-

dents will be willing to make the trip on cold winter mornings. "I would say many would leave, ultimately if not immediately," he says.

Saudagar says when the Park was half empty, Muslim residents stayed—in large part because of the spiritual quality of life. "When they needed us, they gave us that facility... If there is a time they are having a small waiting list, they don't want to give it to us," He says the Muslim community has offered to vacate not one, but two of the estimated 50 units they now have. And at the April 2 meeting they discussed paying for a unit.

However, Bruch says neither move would solve the problem. "Our mandate is to provide accommodation for families. And doing that takes units out of circulation for those students."

The demand for space in Michener Park is so great, says Bruch, that the Michener Park Community Association has expressed concern about non-students taking spaces needed by students. As a result, HFS sent eviction notices to 15 non-student residents last week.

Saudagar says he feels the issue is one of quality of life—not a typical landlord-tenant situation. "The University at large is accommodating," says Saudagar. "We have the meditation facility at SUB. We are really thankful about that." He says it's not just one individual making the request, but a relatively large group with a special living requirement. ■

## NCEs, ILO, Medical Genetics and Research Technology Management receive cash

Province passes savings on to high-tech sector

By Michael Robb

The provincial government is passing on savings from the restructuring of the Department of Economic Development and Tourism to the province's high-tech sector—and the University of Alberta is a major beneficiary.

The University's Department of Medical Genetics, Industry Liaison Office, the province's three Networks of Centres of Excellence and the Alberta Microelectronic Centre will receive the lion's share of the

\$7.8 million. AMC will receive \$1.9 million for capital costs and \$1.2 million for operating costs.

"We are injecting \$7.8 million into a high priority area for economic development in Alberta—its advanced technology research base," said Steve West, former Minister of Economic Development and Tourism.

The money is a welcome shot in the arm for the Department of Medical Genetics, a newly created department expected to attract significant research investment in the province and enhance the development of the province's growing biotechnology and pharmaceutical industries. According to the department chair, Dr. Diane Cox, the money will be used to help partially pay the renovation costs associated with the establishment of the department on the eighth floor of the Medical Sciences Building. ■

### WHO GETS WHAT:

|  |  |
|--|--|
| Alberta Microelectronics Centre                | \$1,900,000 (capital)<br>\$1,200,000 (operating) |
| Alberta Research Council                       | \$300,000  |
| U of A, Medical Genetics                       | \$1,500,000                                      |
| Networks of Centres of Excellence (U of A)     | \$544,000  |
| Networks of Centres of Excellence (U of C)     | \$338,000  |
| Networks of Centres of Excellence (U of L)     | \$13,000   |
| University Technologies International (U of C) | \$400,000  |
| Technology Transfer Office (ILO, U of A)       | \$850,000  |
| Research Technology Management (U of A)        | \$800,000  |



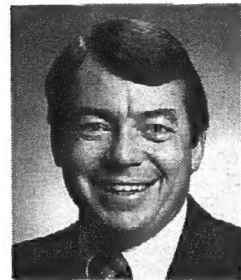
## International leader is simply a 'great teacher' at home

To much of the world, Dr. Robert Steadward is recognized as the head of the Rick Hansen Centre, the president of the International Paralympic Committee, and the man who helped build the Paralympics to an international event on a par with the Olympics.

To students in the Faculty of Physical Education and Recreation, however, he's known as the man who can take a "dry" subject like first-year anatomy and make it exciting.

PEDS 100, Introduction to Anatomy, is a major component of Steadward's undergraduate teaching. It's a course with more than 150 first-year students in their first term of university, who are required to be there.

It's a daunting task, but according to colleague Dr. Marsha Padfield, with Steadward teaching, "Not only do the students master this content, but they change from being scared, doubtful and outright hostile in some instances, to being enthusiastic about the subject matter..."



Dr. Robert Steadward, Faculty of Physical Education and Recreation

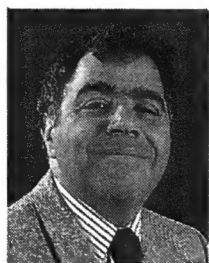
Dr. Gudrun Doll-Tepper, world leader in the field of sport science and a professor at the University of Berlin, says, "I continue to meet students who have studied under Dr. Steadward and they now carry both his enthusiasm and his message about the beneficial influence of sport and the importance of health, fitness and well-being through physical activity for all in their work worldwide."

Carrie Hornby, third-year student, has taken two classes from Steadward and sought his help in research for another class. "In the past five years of knowing Dr. Steadward, he has been the most influential role model and has helped to shape my life..." says Hornby. "For this I am thankful."

Sylvia Ciurysek, third-year, says "Dr. Steadward is a professor that possesses a combination of intellect, approachability, and benevolence... He does not just 'hand over' the answers. He probes to get me to answer my own questions... His ability to get me thinking critically has allowed me to integrate this skill into my other classes."

## Masliyah is the clear student choice

Nearly half of the students Dr. Jacob Masliyah has taught rate him as their best professor.



Dr. Jacob Masliyah, Department of Chemical and Materials Engineering

This achievement came to light in a survey of third- and fourth-year Chemical Engineering students. Students themselves conducted the survey, nominated Masliyah for the Rutherford award and, with the exception of external reviews, solicited supporting docu-

ments. Their thorough search process clearly identified Masliyah as a professor with an infectious passion for learning.

A former graduate student of Masliyah's and a current faculty member, Dr. Suzanne Kresta, finds him inspiring. "He is able to bring the beauty of his discipline alive for everyone from high school students to his colleagues of many years. When Jacob teaches a new course, his presentation of the material is so arresting that it is not unusual to find several faculty members sitting in on the lectures."

Dr. Norman Epstein, UBC professor emeritus, describes Masliyah as a "veritable whirling dervish" of activity, who has acquired "a tremendous reputation as a

superb teacher, a dynamic lecturer, a knowledgeable consultant, an effective member of scientific committees and a most distinguished researcher."

His students admire him for the clarity with which he explains complex concepts, his in-depth knowledge of industry, the time he has for them, and his passion for his subject.

Roderick Gonzales, fourth-year student, says, "Dr. Masliyah once said to me, 'undergraduate students are my first priority whenever they come to my office. They have the most demanding time schedule of all the people that I must see...everything else can wait until after I have attended to the student's questions.'" ■

## Even reluctant students learn to love math

Dr. Bruce Allison has taught struggling first-year calculus students and talented honors and graduate students with equal success. In addition, he has strongly influenced colleagues.

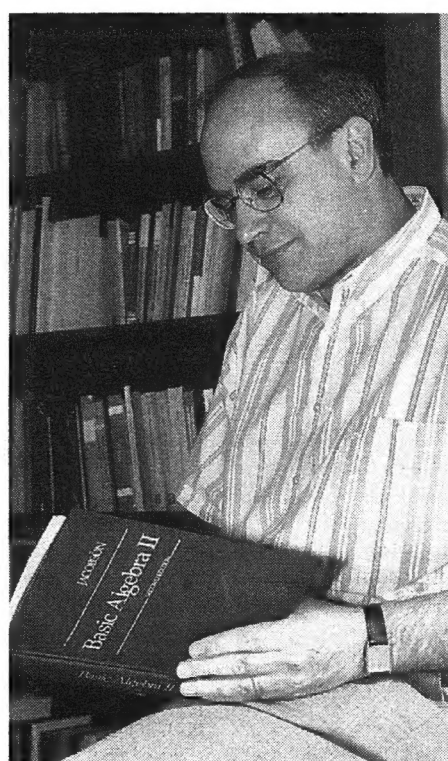
Professor Michel Racine, of the University of Ottawa, says Allison successfully clears "the two traditional pitfalls of mathematicians: treating undergraduates as children or assuming that mathematics is so beautiful and clear that anybody can figure it out on his own."

The students agree. Peter Cartwright says, "After a week or two on campus, I got the feeling that I was nothing more than a number in the University's database," he said. "But in Dr. Allison's class, he made me and everyone else feel like we were not mere numbers, but individuals with talents, skills and knowledge."

Brett Binette says prior to Allison's class, she dreaded math. "Dr. Allison, with his subtle humor and friendly attitude, made math not only accessible to me, but actually got me to enjoy sitting in class for an hour-and-a-half at a time and doing problems on my own time."

Students give Allison top marks in all his classes, but he has unexpected success with Math 113—a class many colleagues shy away from. The classes are large (125-150 students) and the students have done poorly in high school math. With Allison, however, many students report their first good math mark, and others say math is no longer a painful experience..

His colleagues have also benefited from his careful approach to curriculum. Allison was dissatisfied with the labs in a first-year calculus course he taught. He asked to teach the course again to try out



Dr. Bruce Allison, Department of Mathematical Sciences

ideas he had for improvements. Every other instructor followed his suggestions and agreed they significantly improved the course.

Colleague Dr. Robert Moody says Allison's teaching style "appears plain and simple. But that is of course the magic. It appears that he is doing nothing special, but at the end you realize you have understood everything that he said. Not a common phenomenon in mathematical talks!" ■

## "Rigorous playfulness" characterizes English professor

In evaluations, Dr. Dianne Chisholm's students have called her both a god and a goddess. And this "divine transfiguring," says Department Chair Patricia Demers, "merits a special award."

But joking aside, consistently glowing evaluations show Chisholm inspires awe in students in her twentieth-century poetry, feminist criticism and literary theory classes.

She is held in high esteem by colleagues as well. Dr. Robert Martin, University of Montreal, describes Chisholm as, "a young scholar very much on the cutting edge of contemporary theory who brings her sharp intellect to bear on everything she undertakes." While Dr. Toril Moi, Duke University, North Carolina, says, "The range and depth of Professor Chisholm's syllabi are astonishing."

Dr. Henry Abelow, professor of English at Wesleyan University, Connecticut, says, "... Professor Chisholm has been an early figure in introducing lesbian/gay/queer studies into university literature programs. I know that her example has been important for other teachers both in Canada and elsewhere."

Chisholm believes in teaching the tools of critical discourse, then having students use them to work with issues rooted in daily life. She continues the discussion in the margins of student essays.

Karen Chow, a 1994 seminar student, says, "Dr. Chisholm directed class discussions with provocative questions and complexified many assumptions about gender, sexuality, and art that I had previously held. Her academic rigor, complemented by her enthusiasm, creativity and sense of play, made often difficult texts lucid and even exciting." ■

## McKay continues in mentor role—even for graduates

Dr. Roberta McKay is committed to undergraduate teaching. "I truly believe that just as the kindergarten and grade one years are formative in a child's school career, so too is our undergraduate program formative in a teachers' professional career," she says.

That McKay acts on this belief by giving undergraduates her best, is reflected in student evaluations that sometimes have a median score of five and are always in the very high fours.

Andrea Dzenick-Giroux, a former student and current teacher, says "She makes learning relevant for her students and ensures that they also understand the importance of making learning relevant for their students. She also emphasizes cross-curricular links, which again promote a more realistic representation of the 'real world'."

"Even though I am no longer her student," says Dzenick-Giroux, "she is still

there for us, providing us with advice, encouragement, support, praise."

Dr. Bob Jackson, department chair, says that in addition to preparing courses meticulously, McKay is a leader in program innovation. "Through her ability to relate theory and practice, her inspiration as a role model and her willingness to design and teach in innovative programs, Dr. McKay demonstrates her excellence as a teacher," he says.

Valerie Guajardo, fourth-year student, has taken several courses from McKay and says, "She has been an excellent model for future teachers by demonstrating valuable and effective teaching techniques and



Dr. Roberta McKay, Faculty of Education

thoughtful planning and organization of her materials and resources."

Student Kathleen Hollywood, describes McKay as an "outstanding model of the teaching profession." Moreover, says Hollywood, "Dr. McKay consistently demonstrates a true concern for student progress and is always readily available and approachable for out-of-classroom consultation."

Graduate Daylene Luaman says "As I am now

a Social Studies teacher myself (and using Dr. McKay's textbook as part of the Grade 8 curriculum) I have been able to incorporate many of the activities and theories taught by Dr. McKay because they directly relate to present-day pedagogy..." ■



Dr. Diane Chisholm, Department of English



# Learning to see and to say

Philosophy and art professors combine perspectives to get a better view

By Lee Elliott

Art is dead. Philosophy is dead. There is a futility in everything. These statements reflect a certain critical postmodern standpoint, a theoretical pessimism about the future of traditional disciplines like art and philosophy.

Dr. Margaret Van de Pitte, philosophy, and Dr. Jetske Sybesma, art and design, grappled separately with statements like these, in different disciplines, in different ways. Both find the statements suspect and worth intense scrutiny. And this year, to the benefit of 22 students in the 400-level seminar class they're leading, they're grappling with these issues in contemporary art together.

"I think we accidentally discovered we were reading some of the same books and talking about some of the same things in our classes," says Van de Pitte. "We're learning where each other is and we're recognizing that we have occupied the same spaces and that our students have very good reasons for having the same interests."

"We have philosophers in the class," says Sybesma, "we have art historians, who will be future art critics, and we have artists in the class. All these constituents will be dealing with the same questions sooner or later in their careers."

They aren't opening new philosophical terrain, says Van de Pitte. "We are simply having our students read some of the very important theorists in the two disciplines, getting them to see that they really are talking about the same very great basic problems, and that the problems don't have neat answers either from the traditional standpoint and certainly not from this kind of destructive critical postmodern standpoint."

"Rather than encourage them to just blindly hop on any bandwagon," adds Sybesma, "we want them to know what a wagon stands for."

The discussion in class is lively and intense and so enjoyable for students that they continue to meet outside of class for regular breakfasts and visits to galleries.

The unique format has meant exciting changes for her teaching too, says Van de Pitte. "Philosophers, by virtue of the nature of the field feel free to talk about anything, and we very often do so without having



Dr. Jetske Sybesma (left) and Dr. Margaret Van de Pitte choose art from the print room for the class they teach together.

hands on engagement with the science and the art that we talk about. So it's very interesting and important for people who theorize in a very general way to take a closer look at the specific things they're talking about."

"Yes," says Sybesma. "We say, 'Here, philosophy, you have a nice theory. How does it work? How does it work for this painting?'"

"I think one other interesting thing for me," says Van de Pitte, "is that in teaching philosophy it's pretty cerebral, you're pretty much a talking head as it were. You address their minds. And in this class we move back and forth between talking and looking and that's really interesting...quite literally in

that it's not so boring....You learn things like looking is a kind of knowing."

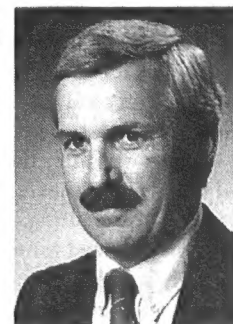
Sybesma says, "They [philosophers] really can abstract ideas beautifully, it comes very nicely packaged. But what about visual interest... how do you communicate something without saying any words, with signs and signifiers?...Some people don't know how to see. But usually in visual art that's all they do. You ask a question and they say, 'look it's right there.' But to articulate it is another step."

"I think the students are teaching each other," says Van de Pitte. "The artists teaching the philosophers to see and the philosophers teaching the artists to say." ■

## OBITUARY

### Dr. Brian Pinchbeck

Colleagues in the Department of Computing Science are saddened to report that Dr. Brian Roy Pinchbeck passed away at the University of Alberta Hospital on March 5, 1997, at the age of 55 years.



Brian received his BSc in agriculture in 1968; his MSc. in range management in 1972; and his PhD in agronomy in 1979 all at the University of Alberta. He began his career at the U of A in 1980, as academic analyst with the Office of Institutional Research and Planning, becoming a senior analyst in 1984. From 1985-87 he was seconded half-time to the Office of the Vice-President Academic. Brian joined the Department of Computing Science as APO in 1987, and played a large role in developing the department's successful Industrial Internship Program (IIP). This program is now a model for all other science departments and a proposal to expand IIP in science was recently selected for additional ACCESS funding from the provincial government.

Outside his professional career, Brian had many interests, including plants, the family farm, golf, cross-country skiing, and the Pinchbeck family genealogy. Brian is survived by his wife, Yvonne (administrative assistant, Oral Health Sciences), and his children, Lara (Victoria) and John (Edmonton).

In honor of Brian's work with the Industrial Internship Program, the Department is pleased to announce the establishment of the Brian Pinchbeck IIP Scholarship in Computing Science. Donations to this fund may be sent to the Department of Computing Science, 615 GSB with cheques payable to the University of Alberta - Pinchbeck IIP Scholarship.



## LETTERS TO THE EDITOR

### TRUST EMPLOYEES QUESTION NASA'S MOTIVES

On December 13/96 the Alberta Labor Relations Board granted the Non-Academic Staff Association (NASA) permission to assimilate trust employees at the University of Alberta into their union.

Beginning in January '97, upon NASA's request, union dues were deducted from trust employees' paycheques. However, the University has refused to recognize some significant benefits which NASA membership allegedly confers—such as remission of course fees.

The evolving deep divisions in NASA's own membership over such issues as financial accountability and fee

structure lead us to believe that this "membership grab" is based on the need for additional revenue, rather than being motivated primarily by a concern for improving the lot of trust employees on campus.

NASA's adversarial style also causes us considerable concern. We wonder how their "us-against-them" philosophy (see the article on "Team-Based Management," *Hot Topics*, February '97) will in any way enhance existing relationships between trust holders and the people they employ.

If this controversial assimilation succeeds, many trust positions will be jeopardized—particularly those in research areas. Yet, grant holders have been advised against voicing their very valid concerns—for example, the potential loss of

control over grant monies that their work has attracted to this University.

We wonder how NASA requirements for standardized wages and generous severance packages can be reconciled with the fixed budgets and stringent spending rules of most grants? Will the university agree to make up any financial shortfall or fund any other costs not covered by granting agency regulations? How many trust positions will simply be eliminated in favor of temporary contract personnel?

These are just a few of the many concerns that must be addressed. We might feel more reassured that reasonable solutions could be found, had NASA recognized the need for consultation BEFORE claiming the right to speak for trust employees.

See <http://www.ualberta.ca/~trusti> for resources and a more complete discourse on the issues.

Rod Gramlich  
Department of Physiology

Robert Rolf  
Neurosciences Division

Katherine Jones  
Department of Medicine

Eva Zurek  
Agriculture, Food, and Nutritional Science

Debbie O'Neill  
Department of Physiology

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# Visiting Committee ambassador role valuable

## Dean of Arts says Faculty needs informed friends

By Judy Goldsand

Dean of Arts Patricia Clements is inviting the Visiting Committee to help strengthen the case the Faculty makes for private funding. Since the Faculty's seventh annual Visiting Committee program is being held April 3 and 4, just a day after the University's official Campaign launch, she decided to focus part of the Visiting Committee program on the need for external funds.

Visiting Committee members will be asked to be both critics and ambassadors. They will critique the presentations of four faculty members as each makes the case for an endowment. Visitors will hear about the Faculty's needs for the following projects: 1) a Centre for the Study of Languages and International Cultures; 2) a Program in Western Canadian Archaeology; 3) a Program in Western Canadian History; and 4) the Writer-in-Residence Program.

"The Faculty of Arts takes its place in the University of Alberta Campaign with pleasure as well as with a sense of

necessity," said Clements. "The Faculty's goal is to be a leading international centre for the study of the social sciences, humanities and fine arts. We are working hard to maintain and develop the many areas of excellence in the Faculty, and we turn to alumni and friends to

help us accomplish our goal."

Clements is pleased several individuals from previous Visiting Committees have volunteered to work as members of the Faculty's Development Council. "Our Visiting Committee members are business and community leaders with a broad

cross-section of expertise," she said, "and we are delighted that the Faculty has the benefit of their experience. And after this year's program, we will have an additional 25 informed volunteers who may act as the Faculty's ambassadors in the community." ■

### MEMBERS OF THE 1997 VISITING COMMITTEE

- Jim Acton, community volunteer
- Salvatore Amelio, lawyer with MacLean Dean Duckett Amelio
- Elinor Bentley, Arts representative on the alumni council
- Halia Boychuk, educator with Blue Quill First Nations College
- Lyn Brown, senior advisor in public policy and government affairs for TELUS
- Gilbert Brulotte, vice-president of Wells Construction
- Barbara Burton, vice-president of human resources for EPCOR
- John Cunningham, retired business consultant
- Lindsay Daniller, vice-president of corporate communications with Economic Development Edmonton
- Satya Das, editorial writer and columnist with The Edmonton Journal
- Virginia Durksen, writer and editor, owner of Visible Ink
- Allison Edwards, executive assistant to a City Councillor
- Judy Fantham, director of radio for CBC
- Duart Farquharson, former associate editor, now a columnist with The Edmonton Journal
- Marlene Hobart Stratton, accountant with Interprovincial Pipe Line Inc.
- John Johnson, Westco Distribution Canada Inc.
- Beverlee Loat, vice-president of marketing and public affairs for EPCOR
- Lynn Malin, artist
- Melanie McCallum, Alberta Federal and Intergovernmental Affairs
- Doug Montgomery, owner of Travelworld Consultants Ltd.
- Randy Olson, president of Capital Estate Planning Corp.
- Jan Reimer, consultant, former mayor
- Hugh Robertson, executive director of the Legal Aid Society of Alberta
- Elizabeth Smith, lawyer with Nicholl & Akers and Kenneth Sutley, self-employed accountant/consultant.



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# UNIVERSITY OF ALBERTA CAMPAIGN

## University's largest campaign off the ground

*Well over 40 per cent of the goal has been received or pledged*

By Michael Robb

The University publicly launched the largest fund-raising campaign in its history earlier this week. The goal: to raise \$144.65 million over a five-year period, to support students, staff and facilities.

"Our vision is to be indisputably recognized as one of the top three universities in the country, and this campaign will help us get there," Board of Governors Chairman John Ferguson told a crowd of several hundred people gathered at the Citadel Theatre to witness the public launch. Many of the province's key political and business leaders were on hand.

The University expects to raise the money for three general areas: students, \$60.4 million; scholars, \$49.95 million; and facilities, \$34.3 million. Last week, President Rod Fraser told General Faculties Council the University was well on the way to raising that money. Well over 40 per cent of the target has been received or pledged, he said. "We're now beginning to wonder whether the \$144 million [goal] is a little too conservative."

Earlier this week, almost \$70 million was pledged or in hand.

The money will come from the broader U of A family, the President said, and donors in many of the major Canadian cities, southeast Asia and around the world will be asked to contribute. The corporate sector, including the country's major banks and the paper and pulp companies, will be major donors. The Royal Bank and the Bank of Montreal have already committed over \$1 million each to the campaign. The oil and gas industry and other sectors of the economy will also be asked to contribute.



The Rt. Honorable Don Mazankowski, Catherine Roozen, Vice-President, Investments, Cathlon Holdings Ltd. and Brian MacNeill, President and Chief Executive Officer, IPL Energy Inc.

According to Vice-President (Academic) Dr. Doug O'ram, the campaign will help the U of A compete for the best students. "We have to be able to offer scholarships like the other major universities do. There's a second reason: we don't

want to lose good students simply because they can't afford to come here."

One of the objectives of the campaign is to increase the U of A's endowments. The Canadian Association of University Business Officers annual endowment sta-

tus survey places the U of A fourth in the country in terms of total assets, behind the University of Toronto, \$501,087,000; McGill University, \$440,100,000; and the University of British Columbia, \$390,811,000. The U of A has assets of \$268,125,000. It's estimated about \$90.1 million of the \$144.65 million total will be endowed money.

Giving patterns have changed over the last decade, the President told GFC members. Ten years ago, about 50 per cent of donations to universities were not designated. Now, about 90 per cent of the money given to universities is designated for specific purposes.

Two students asked the President whether the donations would pose a risk to the integrity of the University? Fraser said the University should always be wary and sensitive to risks associated with donations. It doesn't want to be in a position of accepting money for purposes that don't bear any relationship to the University's priorities.

"Government support for the University has fallen," says Dr. Reuben Kaufman, president of the Association of Academic Staff. "Instead of complaining about it, we're doing something about it." Concerns about the extent to which donors have a say in how the money they give will be used, will always be there, he said, but any university that doesn't protect academic freedom and continue to set its own priorities will ultimately end up weakened."

The U of A is among a number of Canadian universities in "campaign mode." McGill University has recently exceeded its campaign goal of \$200 million. York University is seeking to raise \$100 million. And the University of Toronto is in the planning stages for a \$500 million campaign. ■

## CAMPAIGN GOAL

**\$144.65 MILLION**

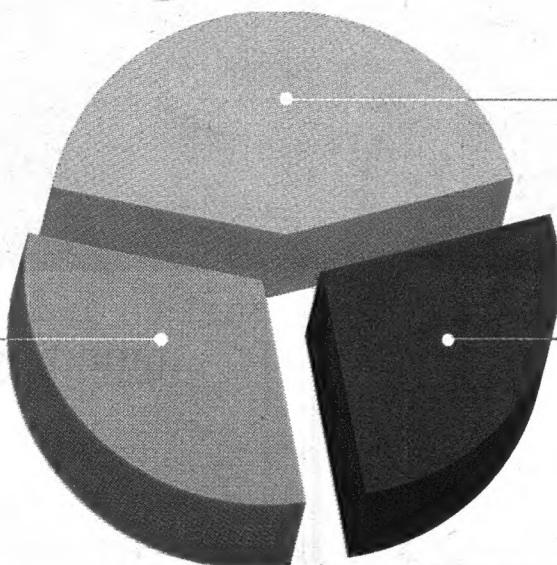
### SCHOLARS:

**\$ 49,950,000**

*Chairs: \$30 million*

*Professorships: \$3.5 million*

*Start-up: \$16.45 million*



**STUDENTS: \$ 60,400,000**

*Undergraduate student scholarships/bursaries: \$30 million*

*Graduate student scholarships/bursaries: \$16 million*

*Learning environment: \$14.4 million*

### FACILITIES:

**\$ 34,300,000**

*800 MHz NMR Laboratory: \$10 million*

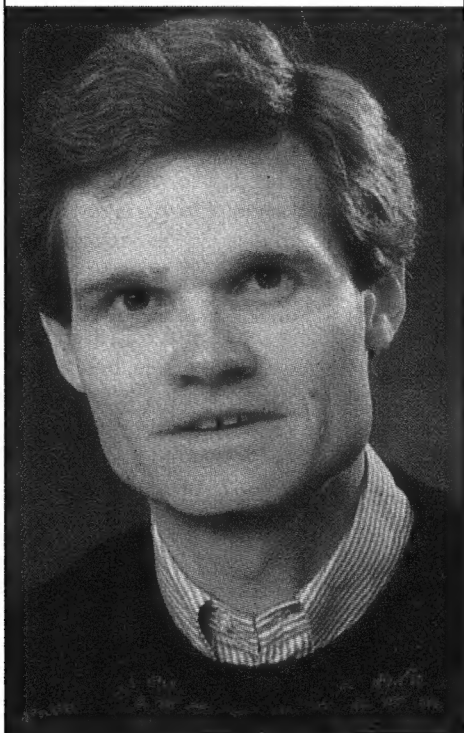
*Innovation Centre: \$10 million*

*Other Facilities: \$14.3 million*



"I'm delighted to be able to participate in this launch of your largest fund-raising campaign. I've been very excited about the developments in biomedical research at the University of Alberta that have occurred over many years. And I'm proud to be associated with that institution. It clearly makes sense to continue to support this important initiative in biomedical research."

*John Bell ('75 MD)  
Nuffield Professor of Clinical Medicine  
Oxford University, England*



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TELECOMMUNICATIONS RESEARCH LABORATORIES

*Estate of* JOHN E. WHITA



...Both of us attended the University in the early 1950's...It was a great time to be at the University of Alberta. We loved everything about it. Ron played basketball on the Golden Bears' team. I played on the Pandas' basketball team. Peter Loughheed was the president of the Student Union at that time. The University was so vital—it was so exciting. We felt at the time that there was a great mixture of education. There were great sporting events and cultural activities. And I know that has continued since we left and has certainly expanded. Both Ron and I are proud to have been a part of this University..."

*Marg Southern (BPE '53)*

*Co-founder and President,*

*Spruce Meadows, Calgary (Speaking for herself and her husband Ron Southern BSc '53, Honorary Doctor of Laws Degree '91)*

## More than one in three have supported internal fundraising campaign

*Organizers say that bodes well for the external campaign*

*By Michael Robb*

**D**o well internally. Do well externally. Fund-raisers across North America say that's the way it works. A successful internal fund-raising campaign at a university helps the institution's development officers "make the case" to external donors.

"When we began this campaign, we knew that we would have to be successful on campus if we were going to be successful off campus," says Claudette Tardif, dean of Faculté Saint-Jean. "We surpassed

our financial goal and raised more than \$2 million. More importantly, we surpassed our percentage goal, and reached a higher giving rate than has ever been reached at a Canadian university."

According to Dr. Terry Flannigan, executive director of external affairs, the fact that 36 per cent of staff gave is a powerful demonstration to external donors of the kind of commitment people have who study and work at the University. "We have learned about the incredible

generosity of our students and staff."

Two examples of giving on campus are noteworthy. First, engineering students voted to donate \$25 per semester to an equipment fund for the next 10 years. Over the course of the five-year fund-raising campaign, that fund will generate about \$600,000. Second, the Graduate Students' Association negotiated an agreement with the University to redirect \$8 million from tuition fees to the creation of graduate scholarships. ■

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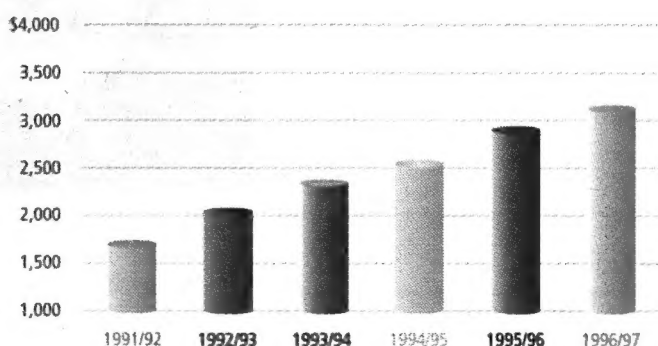
# WHAT IS...

# WHAT CAN BE...

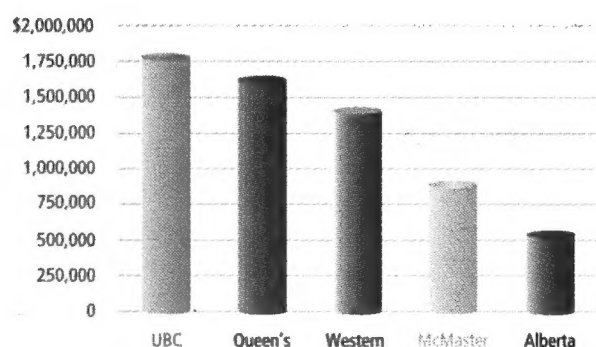
## STUDENTS

\$60.4 MILLION

UNDERGRADUATE  
STUDENT TUITION  
AND FEES DURING  
LAST SIX YEARS



TOTAL VALUE OF  
AWARDS OFFERED  
TO ENTERING  
STUDENTS,  
1994/95



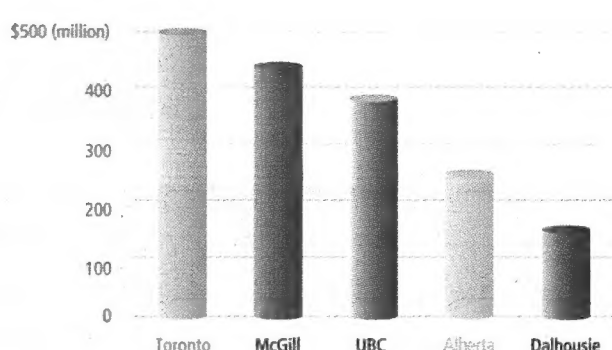
### Students/learning environment

|   |                     |
|---|---------------------|
| Undergraduate scholarships and bursaries endowment        | \$30,000,000        |
| Graduate student tuition scholarships                     | 8,000,000           |
| Graduate scholarships and bursaries endowment             | 8,000,000           |
| The "Wired Campus", the electronic learning environment   | 5,000,000           |
| Engineering undergraduate laboratory equipment fund       | 2,400,000           |
| Comprehensive orientation services for students endowment | 2,000,000           |
| Additional ice surface                                    | 1,000,000           |
| Environmental studies program                             | 1,000,000           |
| Native Careers Program endowment                          | 1,000,000           |
| Athletics and Recreation endowment                        | 1,000,000           |
| Centre for study of languages and international cultures  | 1,000,000           |
| <b>TOTAL</b>  | <b>\$60,400,000</b> |

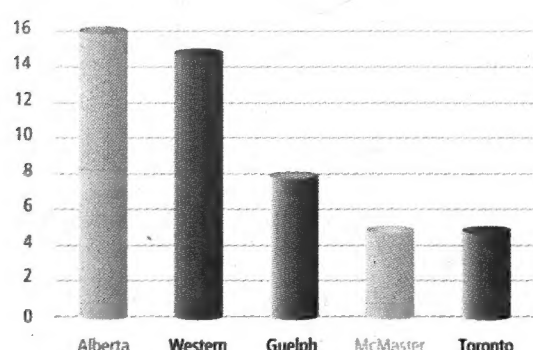
## SCHOLARS

\$49.95 MILLION

ENDOWMENTS  
AT CANADIAN  
UNIVERSITIES  
AS OF DECEMBER  
31, 1994



NATIONAL 3M  
FELLOWSHIPS  
RECOGNIZING  
EXEMPLARY  
TEACHING AT THE  
UNDERGRADUATE  
LEVEL TO 1996



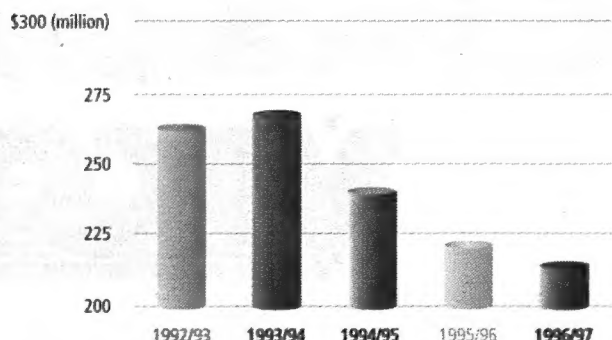
### Staff and start-up

|  |                     |
|--|---------------------|
| Law Campaign '75 projects                            | \$3,500,000         |
| Chair, Nutraceutical/functional foods                | 3,000,000           |
| Chair, Petroleum engineering                         | 3,000,000           |
| Chair, Pulp and paper technology and process control | 3,000,000           |
| Chair, Protein engineering                           | 3,000,000           |
| Chair, Medical genetics                              | 3,000,000           |
| Chair, Ecosystem management                          | 3,000,000           |
| Chair, Carbohydrate chemistry (Ray Lemieux)          | 3,000,000           |
| Chair, Petroleum geology (C.R. Stelck)               | 3,000,000           |
| Chair, Economic geology (Roger Morton)               | 3,000,000           |
| Chair, Études canadiennes (Louis Desrochers)         | 3,000,000           |
| Prototype development                                | 2,500,000           |
| Writer-in-Residence program                          | 1,000,000           |
| Program in western Canadian archaeology              | 1,000,000           |
| Program in western Canadian history                  | 1,000,000           |
| Centre for entrepreneurship                          | 1,000,000           |
| Centre for applied business and economic research    | 1,000,000           |
| Professorship, Microsensors and materials            | 1,000,000           |
| Professorship, Cytokine research                     | 1,000,000           |
| Professorship, Bioethics                             | 1,000,000           |
| Women's health program                               | 1,000,000           |
| Support for support: professional development fund   | 1,000,000           |
| Endowment for Young Business Scholars                | 1,000,000           |
| Centre for Gerontology                               | 1,000,000           |
| Women's studies endowment                            | 750,000             |
| Severe disabilities endowment fund                   | 500,000             |
| Professorship, Literacy in the 21st century          | 500,000             |
| International Nursing Centre                         | 200,000             |
| <b>TOTAL</b>   | <b>\$49,950,000</b> |

## FACILITIES

\$34.3 MILLION

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FIVE YEARS



### Facilities/building for people

|   |                     |
|---|---------------------|
| 800 MHz NMR Laboratory                                  | \$10,000,000        |
| Innovation Centre                                       | 10,000,000          |
| Engineering addition                                    | 5,000,000           |
| Stollery Centre expansion and improvements              | 3,500,000           |
| Computing Science expansion                             | 2,000,000           |
| Alzheimer Care Centres                                  | 1,500,000           |
| Timms Centre for the Arts: teaching stage and equipment | 1,300,000           |
| Rehabilitation research wing                            | 1,000,000           |
| <b>TOTAL</b>  | <b>\$34,300,000</b> |



# SPORTS WALL OF FAME

## 1997 inductees to the U of A Sports Wall of Fame

The Green and Gold Athletic Society (GGAS) presents its 12th Annual Sports Wall of Fame Dinner Thursday, April 10, 1997 in the Main Ballroom at the Westin Hotel. The evening will pay tribute to the following four individuals who have made outstanding contributions to the Golden Bears and Pandas programs. It is also a major fund-raiser for the GGAS. Tickets are \$125. For more information, or to order tickets, please contact Pam-Ella Jane Miller, 492-7234.

### Dr. Sandy O'Brien Cousins

A native of British Columbia, Sandy O'Brien Cousins first gained prominence in provincial gymnastics. She later won a silver medal in the 1967 Pan American Games in Winnipeg; represented Canada at World Championships in 1966 and 1970; was Canadian champion in 1968; and competed in the 1968 Olympics and the 1970 World Student Games. She joined the U of A faculty in 1971.

In a 16-year coaching career, her Pandas gymnasts won eight Canada West and seven National CIAU Championships, a record unequalled by any other Pandas or Bears coach.

Academically, her achievements are equally impressive. She is the first recipient of two major awards from the Social Sciences and Humanities Research Council of Canada. She was promoted to full professor in 1994.

A founder of the Master's Gymnastics movement in Canada, she is also a recognized world expert in activity for older adults. Cousins has served as a consultant to the World Health Organization on healthy aging and has published two widely used texts on the subject: *Active Living Outcomes for Older Adults*, and *Exercise, Aging and Health*.



### Susan (Smith) Halak, BEd '75

Susan Halak attended Strathcona High school in Edmonton and majored in elementary school education at the U of A. She is the third member of the famous "Swimming Smiths" to be inducted to the Sports Wall of Fame.



She set many age-group records before winning bronze in both the senior 100- and 200-metre breaststroke at the 1965 nationals. Halak represented Canada at many international meets in the U.S., Europe and New Zealand. She was Canadian champion in the 100-metre butterfly and the 200-metre individual medley in 1969. The next year she won national honors in no fewer than four events. She earned two silver and a bronze at the 1970 Commonwealth Games in Edinburgh and a bronze in the 200 fly in the 1971 Pan American Games. She was also a member of the 1972 Olympic team at Munich.

In both 1972 and 1973, while a member of the Pandas swim team, she was the high-point female at the CIAU championships.

Since retiring from competition she served on the Canadian coaching staff to the world Aquatic Championships in 1975 and shared her expertise as a coach with the Royal Glenora and Olympian clubs in Edmonton. She currently teaches elementary school in Edmonton.

### George Kingston, BPE '60, BEd '63, MPE '68, PhD '78

George Kingston attended Strathcona High School in Edmonton. His life-long involvement in coaching began with community teams and no fewer than nine high school sports while teaching at Queen Elizabeth High School in Edmonton. He played five seasons with the Golden Bears Hockey Team and was Alumni Gold Medalist at graduation.



In a 22-year academic career at the U of C, he rose to full professor and served as associate dean and acting dean of the Faculty of Physical Education. An excellent student and teacher, he was equally fascinated with coaching. For 15 highly successful seasons he served as head hockey coach of the U of C Dinosaurs. He was an assistant coach of Team Canada in the World Championships (bronze '83) and at the 1984 Olympics and was head coach at the Spengler Cup (gold '88).

From 1989 to 1991 he was the national coach and director of hockey in Norway. George returned to Canada as national coach and director of hockey operations for Hockey Canada and in 1994 led Canada to its first World Championship gold medal in 33 years. He was mentor coach and general manager at the Lillehammer Olympics in 1994 when Team Canada won silver.

Following a two-year stint as the first coach of the San Jose Sharks in the NHL, he was appointed German National Coach. Among his many honors are two CIAU awards as coach of the year and the Sport Canada, Excellence in Coaching Award in 1994.

### Norman Macintosh, BCom. '56

Norman Macintosh was born in Vancouver and attended school in Calgary where he starred at basketball, soccer and football at Crescent Heights High School. He was a stand-out forward for the Golden Bears Basketball teams from 1952 through '56 and team captain for his last two seasons.

After graduation he contributed to several senior basketball and volleyball teams and a host of championships in tennis, including Alberta singles and doubles titles in 1959.

He joined the Faculty of Business at Queen's University in 1967. A full professor of accounting, he is a sought-after speaker, seminar leader,



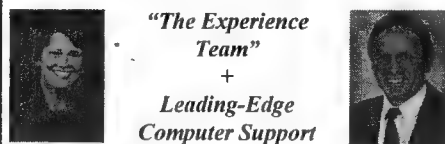
the author of many scholarly articles and a widely acclaimed text in accounting theory and practice.

While at Queen's his competitive instincts resurfaced as a Shark Fleet sailor. A bronze in the

Canadian Olympic Regatta, Kingston 1968, was followed by three appearances in World Championships (1978, 1980 and 1990) where he finished as high as seventh.

His scholarly brilliance has earned him numerous major awards. He has been visiting professor at many universities including Oxford, Concordia, Calgary, Gothenburg, New South Wales and Murdoch Universities in Australia and the U.S. Naval Postgraduate School in California.

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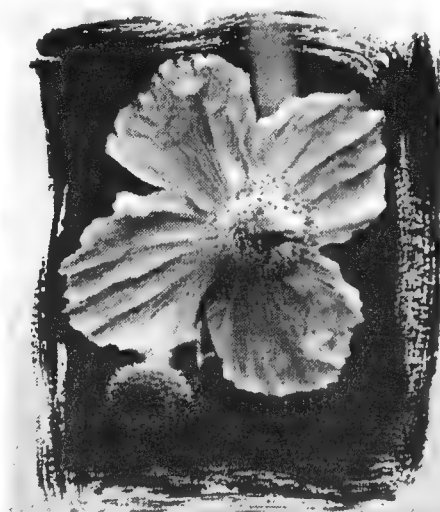
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### LOIS HOLE LEADS SOUTHERN ALBERTA GARDEN TOUR

Alberta's best-known gardener and a long-time U of A supporter, Lois Hole, will be leading a Garden Tour to Southern Alberta August 12-14, 1997.

Sponsored by the Devonian Botanic Garden and Friends, this three-day, two-night tour is focused on comparing the University's Kurimoto Japanese Garden (1990) with the Nikka Yuko Centennial Japanese Garden (1967) in Lethbridge. Both gardens were designed and built by Kubo and Associates of Osaka, Japan. Hole will lead a get-acquainted information meeting at the Devonian August 6 at 7 p.m. and will speak on Dr. Kubo's two gardens.

In addition to the Lethbridge garden, the tour includes a guided tour of the botanical garden and prehistoric park at the Calgary Zoo and a visit to the Head-Smashed-In Buffalo Jump Interpretive Centre.

Travel will be by luxury motor coach. The cost is \$285 per person plus GST and includes all admissions, two nights accommodation, breakfasts, a lunch and reception. For more information, please call Maureen Bedford at the Garden, 987-3054.

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Everyone is invited to hear the two recipients of the 1997 J Gordin Kaplan Award for Excellence in Research explain their work.

**Dr. Norm Dovichi**  
(Chemistry)

**Dr. Linda Fedigan**  
(Anthropology)

Tuesday, April 8, 1997

4:00 p.m.

Timms Centre for the Arts.

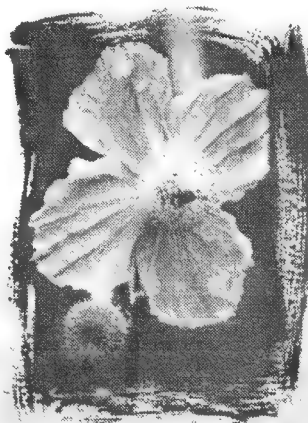
A reception will follow the talks.

## NOTES NOTICES

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### ACADEMIC STAFF HEAD APPOINTED

Dr. Howard B. Welch has been appointed executive director of the Academic Staff Association, replacing retiring Executive Secretary Gordon Unger.

Welch was previously staff representative for the Alberta College-Institutes Faculties Association (ACIFA), a provincial confederation of faculty associations which serves colleges and technical institutes in lobbying and public relations. While there, he worked extensively in grievance and arbitration for member institutions. In a previous position, he represented the MacCosham Group in bargaining with the Teamsters.

Welch has a PhD in strategic studies from King's College, University of London and a more recent LLB from the U of A.

### SEARCH COMMITTEE FOR THE CHANCELLOR

A search committee for the Chancellor is being established.

The GFC Nominating Committee requires for this committee three (3) members of GFC, appointed by GFC.

The full membership of the search committee, as set out in Section 8(2.1) of the Universities Act, is as follows: a) three members of GFC appointed by GFC, b) three members of the Alumni Association appointed by the Alumni Association, c) three members of The Senate appointed by The Senate, d) one member of the Students' Union appointed by the Students' Union, e) one member of the Graduate Students' Association appointed by the Graduate Students' Association. If you have any questions regarding eligibility to serve as one of the GFC members on this committee, contact Ms. Val Pemberton-Pigott, Coordinator, GFC Nominating Committee, 2-5 University Hall (extension 1938; e-mail: val.pemberton@ualberta.ca).

You do not have to be a GFC member to submit a nomination. Staff who are on leave are not eligible to serve on the search committee for the Chancellor. Nominees must be both eligible and willing to serve. If you wish to submit a nomination, please forward a letter of nomination and brief biographical sketch to Ms. Pemberton-Pigott at the above-noted address by Wednesday, April 23, 1997.

### SELECTION COMMITTEE FOR THE DEAN OF THE FACULTY OF NURSING

A selection committee for the Dean of the Faculty of Nursing is being established.

The GFC Nominating Committee requires for this committee one (1) academic staff representative from Category A1.0, from outside the Faculty of Nursing, elected by GFC.

For definitions of staff categories and the full composition of the selection committees, see Section 103 of the GFC Policy Manual (<http://www.ualberta.ca/~unisechr/policyman/sec103.htm>). In brief, Category A1.0 includes full-time and part-time, continuing (tenure-track and soft-tenure-track) academic staff. If you have any questions regarding the categories of staff and/or eligibility to serve on this committee, contact Ms. Val Pemberton-Pigott, Coordinator, GFC Nominating Committee, 2-5 University Hall (extension 1938; e-mail: val.pemberton@ualberta.ca).

Staff who are on leave are not eligible to serve as GFC-elected representatives on selection committees for Deans. Nominees must be both eligible and willing to serve. If you wish to submit a nomination, please forward a letter of nomination and brief biographical sketch to Ms. Pemberton-Pigott at the above-noted address by Wednesday, April 23, 1997.

### SELECTION COMMITTEE FOR THE DEAN OF THE FACULTY OF GRADUATE STUDIES AND RESEARCH

A selection committee for the Dean of the Faculty of Graduate Studies and Research is being established.

The GFC Nominating Committee requires for this committee three (3) members of GFC from Categories A1.1, A1.5, and their counterparts in A1.6, elected by GFC.

For definitions of staff categories and the full composition of the selection committees, see Section 103 of the GFC Policy Manual (<http://www.ualberta.ca/~unisechr/policyman/sec103.htm>). In brief, Categories A1.1, A1.5, and A1.6 include full-time and part-time, continuing (tenure-track and soft-tenure-track) faculty members. If you have any questions regarding the categories of staff and/or eligibility to serve on this committee, contact Ms. Val Pemberton-Pigott, Coordinator, GFC Nominating Committee, 2-5 University Hall (extension 1938; e-mail: val.pemberton@ualberta.ca).

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## LAURELS

### LIBRARY WINS GIGA GOLD

The U of A Library has been recognized for its pioneering role in developing a system for the distribution of library documents on the Internet.

At its recent conference in Florida, the GIGA Information Group and the Workflow and Reengineering Industry Association (WARIA) gave the U of A its Gold Award for Excellence for work flow application of information technology.

The U of A system is now marketed commercially. Customers include the U.S. National Library of Medicine and EEBSCOdoc, two major suppliers of documents.



## PROFESSIONAL SERVICES DIRECTORY

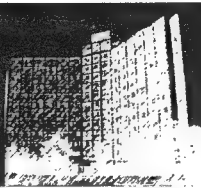
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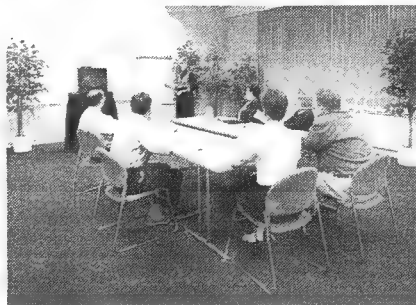
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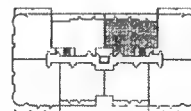
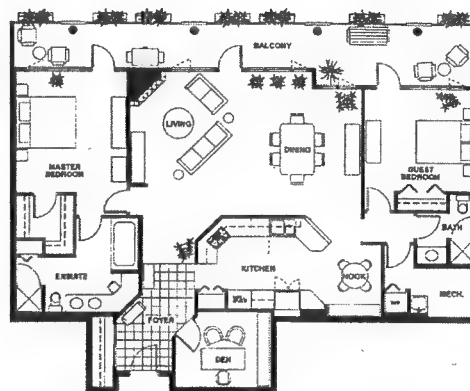
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# TALKS

## AGRICULTURAL, FOOD AND NUTRITIONAL SCIENCE AND NUTRITION AND METABOLISM RESEARCH GROUP

**April 16, 1 p.m.**  
Chris McIntosh, Department of Physiology, University of British Columbia, "Glucose-Dependent Insulinotropic Polypeptide (GIP): Structural Determinants of Receptor Binding, Signal Transduction and Catabolism." 2J4.02 (Classroom F) Mackenzie Health Sciences Centre.

## ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

**April 8, 4 p.m.**  
Norman C Wong, Professor, Department of Medicine and Medical Biochemistry, University of Calgary, "Glucose and Insulin Regulation of Hepatic Gene Activity." 2-27 Medical Sciences Building.

## BIOLOGICAL SCIENCES

**April 11, 3:30 p.m.**  
Richard Palmer, "Phylogenetic Patterns of Asymmetry Variation in Animals and Their Evolutionary Significance: Interplay Between Ontogeny and Evolution." 3-27 Earth Sciences Building.

## MOLECULAR BIOLOGY AND GENETICS RESEARCH GROUP

**April 4, 3:30 p.m.**  
Doug Dickson, Department of Basic Science, University of Texas, Houston, "Molecular Mechanisms Regulating the Patterns of Gene Expression in Human Salivary and Tear Glands." G-116 Biological Sciences Centre.

**April 25, 3:30 p.m.**  
Celeste Simon, Department of Medicine and Department of Molecular Genetics and Cell Biology, University of Chicago, "Mice Deficient in ETS and ARNT Proteins Lack Specific Blood Cell and Blood Vessel Lineages." G-116 Biological Sciences Centre.

## PHYSIOLOGY AND CELL BIOLOGY

**April 8, 12:30 p.m.**  
Katie Murphy, "Endogenous Lectins and Mesonephric Development in the Chick Embryo." G-114 Biological Sciences Centre.

**April 15, 12:30 p.m.**  
Greg Goss, Molecular Medicine and Renal Units, Beth Israel Deaconess, Medical Centre, Harvard Medical School, "Regulation of the Xenopus Na<sup>+</sup>/H<sup>+</sup> Exchanger." G-114 Biological Sciences Centre.

## CENTRE FOR GERONTOLOGY

**April 28, 7:30 p.m.**  
Suzanne Maisey, Outreach Coordinator, Alzheimer Support Centre, McConnell Place North, "McConnell Place North: Innovative Care...Touching the Community." 2-47 University Extension Centre.

## CHEMICAL AND MATERIALS ENGINEERING

**April 10, 3:30 p.m.**  
Amy Yiu, "Control Loop Performance Assessment of Multivariate Systems." 342 Chemical-Mineral Engineering Building.

## CHEMISTRY

**April 4, 11 a.m.**  
Peter M. Maitlis, Professor of Chemistry, University of Sheffield, England, EFF Distinguished Visitor, "New Ways to Vintage Vinegar: the Carbonylation of Methanol." Chemistry E3-25.

**April 4, 4 p.m.**  
Peter M. Maitlis, Professor of Chemistry, University of Sheffield, England, EFF Distinguished Visitor, "My Life and Hard Times (with apologies to James Thurber)." V-Wing Lecture Theatre V-111.

**April 7, 11 a.m.**  
T Mark Zabriskie, College of Pharmacy, Oregon State University, "Mechanisms and Inhibition of Enzymes in Eukaryotic Lysine Metabolism." V1-07 Physics Wing.

**April 9, 3:30 p.m.**  
Peter M. Maitlis, Professor of Chemistry, University of Sheffield, England, EFF Distinguished Visitor, "Carbon Monoxide to Olefins: Chemical Magic—What's the Trick?" Chemical/Mineral Engineering CME-345.

**April 10, 7 p.m.**  
Peter M. Maitlis, Professor of Chemistry, University of Sheffield, England, EFF Distinguished Visitor, "Getting the Last Sulphur Out of Fuel." V-Wing Lecture Theatre V-112.

## EARTH AND ATMOSPHERIC SCIENCES

**April 4, 3 p.m.**  
James Burns, Provincial Museum of Alberta, "In Step with the Mammoth Step: A Walk in Postglacial Alberta." 3-36 Tory Building.

**April 11, 3 p.m.**  
Stefan Bachu, Alberta Geological Survey, "Hydrogeology, Geothermics and Thermal Maturation of Lianos Basin, Columbia." 3-36 Tory Building.

## ECO-RESEARCH CHAIR IN ENVIRONMENTAL RISK MANAGEMENT

**April 11, 3 p.m.**  
Tom McKone, School of Public Health and Lawrence Berkeley National Laboratory, University of California, "A Multimedia, Total Exposure Framework for Risk Assessment." 2J4.02 (Classroom F) Mackenzie Health Sciences Centre.

## EDUCATION

**April 10, 4:30 p.m.**  
Andrea Borys and Nancy Melnychuk, "Listening to High School Girls' Experiences of Physical Education." 633 Education South.

## ENGLISH

**7 April, 4 p.m.**  
Ven Begamudre, writer in residence and E D Blodgett, this year's Governor General's Award winning poet, will give public readings. 4-29 Humanities Centre.

## HUMAN ECOLOGY

**April 10, 1 p.m.**  
Sheila Gillen, "Exploration in Cloqué: Part III." 131 Home Economics Building.

## INSTITUTE FOR PUBLIC ECONOMICS

**April 8, 3:30 pm**  
Ken McKenzie, University of Calgary, "Tax-Induced Options and (Dis)Investment." 8-22 Tory Building.

## ANNUAL BOOKSTORE INVENTORY

The University Bookstores in the Students' Union Building, Walter MacKenzie Centre and Extension Centre will be closed for year-end inventory beginning at 5 p.m. Friday, April 4, 1997. The stores will reopen on Monday, April 7, 1997.

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## PHARMACOLOGY

**April 10, noon**  
Mirco Ponzoni, Laboratory of Oncology, G. Gaslini Children's Hospital, Genoa, Italy, "New Therapeutic Strategy for Neuroectodermal Tumours: Apoptosis." 9-68 Medical Sciences Building.

## PHARMACY AND PHARMACEUTICAL SCIENCES

**April 24, 3 p.m.**  
John B. Lloyd, Professor and Director, Division of Development Biology, Thomas Jefferson University, Wilmington, DE, "Lysosomes and Target Drug Delivery." 2031 Dentistry-Pharmacy Centre. Sponsored by AHFMR Visiting Speaker Program.

## PHYSICS

**April 4, 2 p.m.**  
Malcolm R Beasley, Department of Applied Physics, Stanford University, California, "To Be or Not To Be: Are Two-Dimensional Superconductors Ever Truly Superconducting?" V-129 Physics Building.

## PHYSIOLOGY

**April 4, 3:30 p.m.**  
Christopher I Cheeseman, "Control of Intestinal Nutrient Absorption." 207 Heritage Medical Research Centre.

## PSYCHOLOGY

## CENTRE FOR RESEARCH IN CHILD DEVELOPMENT

**April 11, 1 p.m.**  
Tom Kieren, Lynn Gordon-Calvert, and Elaine Simmt, "Beneath the Disembodied Surface: Action and Interaction in Mathematics." P-218 Biological Sciences Centre.

## PUBLIC HEALTH SCIENCES

**April 9, noon**  
Miriam Stewart, Director, Atlantic Health Promotion Research Centre, "Social Support: Conceptual and Practical Implications." 2J4.02 Mackenzie Health Sciences Centre.

## RENEWABLE RESOURCES

**April 10, 12:30 p.m.**  
Norallah G Juma, "Development of WWW-Based Course Materials." 2-36 Earth Sciences Building.

## ST JOSEPH'S COLLEGE

**April 4, 2:30 p.m.**  
Timothy Scott, "Footwashing and Christian Witness: Liturgical Praxis as an Invitation to Martyrdom." Faculty Lounge, St Joseph's College.

## UNIVERSITY OF ALBERTA SHASTRI COMMITTEE

**April 4, 7:30 p.m.**  
Geoffrey Pearson, "India and Canadian Foreign Policy," the third annual "India-Focus" Distinguished Lecture. Cosponsored by Political Science and the University of Alberta Libraries. 1-05 Business Building.

## WHAT'S UP DOC?

**April 17, 12:15 p.m.**  
Frank Epling, "Eating Disorders Reconceptualized." 1 Sir Winston Churchill Square.

## WOMEN'S PROGRAM, EXTENSION

**April 15, 7:30 p.m.**  
Dianne Smyth, "Lifelines: Culture, Spirituality, and Family Violence." L-1 Humanities Centre.

This symbol denotes environmentally-related seminars/events. If you wish to have an environmentally-related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-5825.

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| <b>EXOTIC FOOD ADDITIVES OR PRESERVATIVES</b> | <p><b>APPETIZERS/SOUPS</b></p> <p><b>SAMOSA:</b> Two Triangle pastry stuffed with<br/>BEEF .....\$2.95<br/>VEGETABLE .....\$2.75<br/><b>PAKORA:</b> VEGETABLE .....\$3.25<br/>Curry Puffs. Fresh vegetable chopped dipped in lentils dough deep fried.<br/>PANEER Cheese Puffs .....\$3.75<br/>ONION BHAJIA .....\$3.50<br/><b>PAPADAMAS:</b><br/>ROASTED/DEEP FRIED .....\$1.00<br/>Crisp lentil flour with herbs.<br/>ASIAN TIKKAS OR KEEMA TIKKAS .....\$6.95<br/>Your choice of marinated Chicken, Lamb or Beef, charbroiled with our choice of herbs &amp; spices.<br/>LENTIL SOUP .....\$2.95<br/>Cream of Lentils, homemade, seasoned with herbs.<br/>CHICKEN YAKHANI ORIENTAL .....\$3.25<br/>A special oriental soup with the taste of herbs &amp; spices.<br/>FISH TIKKA .....\$8.95<br/>Marinated fish done in a clay oven with fresh vegetables<br/><b>SEAFOOD/CHEF'S SPECIAL</b><br/>SHRIMP BUTTER MASALA .....All Levels \$13.95<br/>Jumbo shrimp cooked in a buttery sauce.<br/>FISH PUNJABI .....\$11.95<br/>Marinated white fish deep fried with our chef's special sauce, served on a bed of Saffron Rice.<br/>SHAHI BUTTER CHICKEN .....All Levels \$12.95<br/>Charbroiled chicken marinated in herbs &amp; spices, cooked in butter, served with Nan Bread.<br/><b>SIDE ORDERS</b><br/>CHAPATEE or ROTI Home-made bread .....\$.95<br/>NAN MAKHANI .....\$1.75<br/>Plain Nan with butter. Fresh Dough Bread baked in our oven.<br/>NANKEEMANI Above stuffed with minced beef. \$2.95<br/>BHATURA Special Dough Bread Deep Fried .....\$1.50<br/>PARATHA Crispy Bread fried on the grill .....\$1.95<br/>ALU PARATHA Above stuffed with potatoes .....\$2.75<br/>POORI .....\$1.50<br/>BASMATI STEAMED RICE .....\$2.25<br/>BASMATI RICE SAFFRON Rice cooked in saffron \$3.25<br/><b>VILLAGE EXOTIC TANDOORI</b><br/>TANDOORI CHICKEN .....All Levels \$18.50<br/>TANDOORI CHICKEN HALF .....All Levels \$10.50<br/>Tender chicken marinated in yogurt &amp; spices.<br/>MIXED GRILL .....All Levels \$19.00<br/>Marinated chicken, lamb, beef &amp; shrimp charbroiled<br/>SHEESH KABOB .....All Levels \$10.95<br/>ASIAN SHAMI KABOB<br/>MAHARAJA LAMB KABOB<br/><b>SIDE ENTREES</b><br/>RAITA: All items served in home-made yogurt<br/>POTATOES/FRESH VEGETABLES .....\$3.25<br/>CHUTNEYS:<br/>MINT/TAMARIND .....\$1.50<br/>MANGO/HOT SAUCE .....\$1.50<br/>MIXED PICKLES/LIME PICKLES .....\$1.50</p>                             | <b>EXOTIC FOOD ADDITIVES OR PRESERVATIVES</b>   |
|   | <p><b>NON-VEGETARIAN</b><br/>CHICKEN, BEEF OR LAMB CURRY. All Levels \$7.95<br/>Gravy with our choicest herbs &amp; spices.<br/>MASALA .....Med to Atomic \$8.95<br/>Cream sauce cooked with herbs &amp; spices.<br/>DOPIAZZA .....Hot to Atomic \$8.95<br/>Served on a bed of Juicy Onions.<br/>DAHIWALA .....Mild to Atomic \$8.95<br/>Cooked in home made yogurt with herbs &amp; spices.<br/>SAAGWALA .....Mild to Atomic \$8.95<br/>Spinach &amp; cream sauce cooked with herbs &amp; spices.<br/>VINDALOO .....Med to Atomic \$8.95<br/>South Indian recipe with coconut base.<br/>KARANI .....Med to Atomic \$8.95<br/>Cooked with fresh vegetables and our choicest herbs &amp; spices.<br/>KORMA .....\$10.95<br/>Combination of yogurt &amp; cream sauce cooked with cashews &amp; exotic fruit.<br/>BHODMA .....\$10.95<br/>Meat roasted in chef's special sauce with cashews, raisins &amp; exotic fruit.<br/>KOFTA CURRY .....Med to Extra Hot \$8.95<br/>Minced beef ball, fried in curry.<br/>KEEMA/MUTTER CURRY .....Mild to Atomic \$8.95<br/>Minced beef &amp; peas cooked in gravy with our choicest herbs &amp; spices.<br/>EGG &amp; KEEMA CURRY .....Med to Atomic \$8.95<br/>Eggs cooked with ground beef, with herbs &amp; spices.<br/>***ALL ABOVE SERVED WITH ONE CHAPATEE***<br/><b>VEGETARIAN</b><br/>DAL MAKHANI .....Mild to Extra Hot \$7.95<br/>Lentils cooked with red kidney beans.<br/>DUM ALU .....Med to Atomic \$7.95<br/>Potato curry cooked in yogurt with herbs &amp; spices.<br/>CHANNA MASALA .....Med to Atomic \$7.95<br/>Chick peas garnished with green chilies, onions, potatoes and tomatoes.<br/>VEGETABLE CURRY .....Med to Atomic \$7.95<br/>Fresh seasonal vegetables with gravy.<br/>ALU GOBI .....Mild to Hot \$7.95<br/>Potatoes &amp; cauliflower with herbs &amp; spices.<br/>PANEER BUTTER MASALA .....All Levels \$8.95<br/>Home-made cheese cooked in butter sauce.<br/>MATAR PANEER CURRY .....All Levels \$8.95<br/>Home-made cheese with peas.<br/>SAAG PANEER .....Mild to Atomic \$8.95<br/>Home-made cheese with spinach &amp; cream.<br/>BHARITHA .....Med to Atomic \$8.95<br/>Egg plant cooked with herbs &amp; spices.<br/>MUSHROOM CURRY .....Mild to Hot \$8.95<br/>Mushrooms &amp; peas, with our choicest herbs &amp; spices.<br/>BHINDI BHAJIA .....Mild to Hot \$8.95<br/>Baby Okra and onions cooked with herbs &amp; spices<br/>***ALL ABOVE SERVED WITH ONE CHAPATEE***</p> |   |
|   | <p><b>DINNER FOR 2:</b><br/>Chicken Masala, Beef Curry, Basmati Rice Saffron, Pakora, 2 Chapatees <b>\$20.00</b></p> <p><b>DINNER FOR 4:</b><br/>Chicken Masala, Beef Curry, Spinach &amp; Potato Curry, Keema/Mutter Curry, Basmati Saffron Rice, Pakora, Chapatees <b>\$40.00</b></p>   | <p><b>ROYAL DINNER FOR 2:</b><br/>Shahi Butter Chicken, Beef Curry, Shrimp Fried Rice Pulao, Samosa, Spinach &amp; Potato Curry, Pakora, Soup, Chapatees <b>\$30.00</b></p> <p><b>ROYAL DINNER FOR 4:</b><br/>Chicken Masala, Beef Curry, Spinach &amp; Potato Curry, Shrimp Fried Rice Pulao, Keema/Mutter Curry, Samosa, Pakora, Soup, Chapatees <b>\$60.00</b></p> |
|   | <p>Ask about large group or dinner party combinations.<br/>ENJOY OUR RIVERVIEW LOUNGE. *PICKUP FROM DOWNTOWN HOTELS</p> <p><b>10143 Saskatchewan Dr. (fax 433-8476) 433-3804</b></p> <p><b>10% off Take Out</b> *Prices in effect till March /97</p>  |   |





## EVENTS

### EXHIBITIONS

#### BRUCE PEEL SPECIAL COLLECTIONS LIBRARY

Until May 16

"Green thought in a green shade: an array of books celebrating flowers and gardens." B7 Rutherford South.

#### FAB GALLERY

Until April 6

"Maral Garabedian—Shadow Work - Prints and Drawings"—this is the final visual presentation in partial fulfillment for the degree of Master of Fine Arts in Printmaking. 1-1 Fine Arts Building.

Until April 6

"Senior Painting from the Department of Art and Design." 1-1 Fine Arts Building. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed.

#### McMULLEN GALLERY

Until May 3

"William R Sinclair and Local Artists in Support of the University Hospital Foundation." Gallery hours: Monday to Friday, 19 am to 4 pm; Saturday and Sunday, 1 to 4 pm; Thursday, 5 to 8 pm. Information: 492-8428 or 492-4211. Walter C Mackenzie Health Sciences Centre.

### MUSIC

April 4, 8 p.m.

The University of Alberta Concert Choir Concert—Debra Cairns, director. Admission: \$5/adult, \$3/student and senior. Convocation Hall.

April 5, 3 p.m.

Northern Alberta Honor Band Concert—Fordyce Pier, director. Convocation Hall.

April 6, 3 p.m.

The University of Alberta Concert Band Concert—William H Street, director. Admission: \$5/adult, \$3/student and senior. Convocation Hall.

April 6, 8 p.m.

The University of Alberta Symphony Orchestra Concert—Norman Nelson, conductor. Admission: \$5/adult, \$3/student and senior. Convocation Hall.

April 7, 8 p.m.

Master of Music Recital—Deborah Armstrong, piano. Convocation Hall.

April 9, noon

Noon-Hour Organ Recital. Convocation Hall.

April 10, 8 p.m.

Master of Music Recital—Lynn Anne Roberts, choral conducting. Convocation Hall.

April 11, 8 p.m.

The University of Alberta Symphonic Wind Ensemble Concert—Fordyce Pier, director. Convocation Hall.

April 17, 8 p.m.

Doctor of Music Recital: Belinda Chiang, organ. Convocation Hall.

April 19, 8 p.m.

Music at Convocation Hall Series featuring pianist Stéphane Lemelin and violinist Martin Riseley. Admission: \$10/adult, \$5/student and senior. Convocation Hall.

April 25, 8 p.m.

Siriusly: Celebrating Young Artists! Admission: \$10/adult, \$5/student and senior. Convocation Hall.

### STUDIO THEATRE

Until April 5

"Six Degrees of Separation" by John Guare. Tickets and information: 492-2271. Timms Centre for the Arts.

Resumé

## POSITIONS

### CARTHY FOUNDATION CHAIR IN BUSINESS

Applications are invited for the Carthy Foundation Chair in Business in the Department of Marketing, Business Economics and Law. The chair holder will be appointed in the general area of international business, and must have a strong, well-established record as a researcher and teacher. The chair holder is expected to provide intellectual leadership in the study of international business from an applied as well as a theoretical perspective and to interact on a regular and significant basis with the business community.

An attractive and competitive salary is made possible through the generosity of the Carthy Foundation. A discretionary allowance will assist in the discharge of the chair holder's responsibilities. Appointments are normally effective July 1. Applications will be accepted until the position is filled.

Interested persons should forward applications to

Dr. Philip Raworth  
Chair, Department of Marketing,  
Business Economics and Law  
University of Alberta  
Edmonton, Alberta T6G 2R6  
Fax: (403) 492-3325.

### ADMINISTRATIVE PROFESSIONAL OFFICER

The Department of Computing Science and the Faculty of Science invite applications for the position of Administrative Professional officer (APO).

Reporting to the Chair, the APO is accountable for the planning, management and maintenance of an administrative support system to facilitate the teaching,

research and industry liaison activities of an active and growing department. A significant part of his/her responsibility is the management and evolution of the departments' budgeting and accounting functions including the supervision of accounting personnel.

The Department consists of 32 academic staff and 22 University support staff as well as a number of trust employees.

The APO also analyzes and interprets University, Faculty and Department policies, coordinates activities of support staff, oversees course timetabling, manages the allocation and planning of space and otherwise assists the Chair to ensure that the Department operates in an efficient and harmonious manner.

The position calls for someone with initiative and tact, capable of working authoritatively with a variety of people. Applicants should have a university degree and/or considerable administration experience, preferably at a university, and extensive experience using computers and data management software.

Salary range: \$39,401 - \$59,105 (under review)

Applications, including a resumé and the names of three references should be forwarded by April 18, 1997 to

Dr. Paul G. Sorenson  
Chair, Department of Computing  
Science  
University of Alberta  
Edmonton, Alberta T6G 2H1

### DIRECTOR OF FINANCIAL SERVICES

Applications are being sought for the position of Director of Financial Services which is an administrative/professional officer position. This competition is restricted to current University of Alberta employees.

Reporting to the Associate Vice-President (Finance), the Director of Financial

Services is a key member of the University's financial team, with responsibility for all financial services for the University. The units of the Office of Financial Services include Special Funds and Research Accounting, Treasury and Risk Management, Investments, Financial Information Systems, Continuous Improvement Systems Support, General Accounting, Travel, Fees and Accounts Receivable, Accounts Payable, and Equipment Inventory Group.

**Qualifications:** Applicants must possess a university degree and an accounting designation complemented by adequate financial experience. Strong leadership, interpersonal, communication (written and oral), organizational and computing skills are essential.

**Salary Range:** Currently under review. Estimated: \$55,000 - \$85,000.

Applicants are invited to submit a resumé on or before April 15, 1997 to  
Mr. Nazim Merali  
Associate Vice-President (Finance)  
University of Alberta  
Edmonton, Alberta T6G 2M7

### RESEARCH ASSOCIATE, TERM POSITION

A research associate is sought by the Department of Electrical and Computer Engineering for a laser pollution monitoring project. Applicants should be graduates in Electrical Engineering or Physics. Experience with optics, fibre optics, lasers and computer electronics would be desirable. It would also be desirable for candidates to be qualified to register as a part-time graduate student at the University of Alberta.

Contact in writing:

Dr. John Tulip  
Electrical and Computer Engineering  
University of Alberta  
Edmonton, Alberta T6G 2G7  
Fax: (403) 492-1811

### Extension Open House

## Meet the Authors!

Saturday, April 12, 1997, 10 a.m. to 4 p.m. in the University Extension Centre

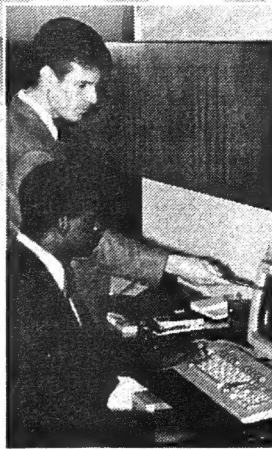
| Author                           | Book   | Subject     | Time    | Room      |
|----------------------------------|--|-------------|---------|-----------|
| Bruce Powe                       | <i>A Canada of Light</i>                         | Politics    | 12 p.m. | Rm 2-02   |
| Michael Adams                    | <i>Sex in the Snow</i>                           | Business    | 1 p.m.  | Rm 2-02   |
| Jennifer Eloff                   | <i>Splendid Desserts</i>                         | Cookbook    | 1 p.m.  | Rm 3-50   |
| Judylaine Fine                   | <i>Ultimate Back Book</i>                        | Health      | 1 p.m.  | Rm 3-52   |
| Martyn Godfrey                   | <i>Adventures in Pirate Cove</i>                 | Young Adult | 2 p.m.  | Bookstore |
| Bill Bishop                      | <i>Strategic Marketing for the Digital Age</i>   | Business    | 2 p.m.  | Rm 2-02   |
| Anne Lindsay                     | <i>Smart Cooking</i>                             | Cookbook    | 2 p.m.  | Rm 3-50   |
| Gail Anderson-Dargatz            | <i>Cure for Death by Lighting</i>                |             | 2 p.m.  | Rm 3-52   |
| Ven Begamudre                    | <i>Van de Graaff Days</i>                        | Fiction     | 3 p.m.  | Bookstore |
| Stephen Michael and Peter Thomas | <i>The Book That's Sweeping America Business</i> |             | 3 p.m.  | Rm 2-02   |
| Jan Main                         | <i>Bone Vivant</i>                               | Cookbook    | 3 p.m.  | Rm 3-50   |
| Susan Swan                       | <i>Stupid Boys are Good to Relax With</i>        | Fiction     | 3 p.m.  | Rm 3-52   |

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**DUGGAN** - bright, upgraded bungalow, new kitchen, three bedrooms on main, one bedroom in basement, 2 1/2 baths, double garage, May 1, 1997, \$1,000/month, Western Relocation, 434-4629.

**LUXURY CONDOMINIUM** - facing the river, westend, Lessard Village. Two bedrooms, 2 1/2 baths, jacuzzi, all appliances, \$1,500. Available September 30. Western Relocation, 434-4629.

**KEHEEWIN** - NEW EXECUTIVE CONDO, immaculate, furnished, near Heritage Mall, two bedrooms, two full baths, underground parking, main floor unit. \$1050/month includes all utilities except phone. Western Relocation, 434-4629.

**RIVERBEND EXCEPTIONAL** - bungalow, only three years old, 2,000 square feet, three bedrooms, 2 baths, \$1,800/month. Lease April 1. Western Relocation Services, 434-4629.

**BLACKBURNE DRIVE** - discover this open plan bungalow with two bedrooms and den. Like new, available immediately. \$950/month. Western Relocation Services, 434-4629.

**HOUSE FOR RENT BY OWNER** - three bedrooms, extra large house, Riverbend area, ideal for professional couple with children. Lease for one year renewable. Available from May 1997. For more information please call 438-4202.

**HOUSE, PRIME LOCATION** - Windsor Park, 3 bedrooms plus den, 5 appliances, finished basement, double garage, \$950/month. Phone 430-7104 evenings.

**LUXURY CONDO** - Saskatchewan Drive, 103 Street, two bedrooms, large kitchen and balcony. Two baths jacuzzi, 5 appliances, security, underground parking, gas fireplace, blinds. Available June 1. \$950. Please phone 433-6331.

**BELGRAVIA** - Summer sublet, two bedroom house. May-August. Call 435-5798, 492-9746. DA1@GPU.SRV.UALBERTA.CA

**SPACIOUS, FRIENDLY** basement suite, partly furnished or unfurnished, bedroom, kitchen, livingroom, bath, laundry, close to bus, UofA, shopping, nature trails, \$450/month includes utilities. Single adult, nonsmoker, no pets. Please call 437-6627.

**PRISTINE** University-area home. Fully furnished, five bedrooms, five appliances, southyard, large deck, 433-5674. Email: aurora@planet.eon.net

**EXECUTIVE CONDO** - across from UofA Hospital, two large bedrooms, den, two baths, fireplace, fully furnished, linens, dishes, all appliances including washer, dryer, dishwasher, garbage disposal. Patio, barbecue, unique floor plan, great neighborhood, secure heated underground parking. April 1. \$950. Paul, 448-1406.

**THREE BEDROOM HOUSE** - May-July, fully furnished (linens, pots, music), one mile from UofA. Garden, garage. 438-7886, 492-5731, pa2@pop.srv.ualberta.ca

**FURNISHED THREE BEDROOM TOWNHOUSE** in Riverbend area for visiting professor. Available June 17, 1997 - June 30, 1998. Rent negotiable. Excellent condition and bus service to University, 436-3462.

**SABBATICAL HOME** - Glenora. Fully furnished. Late August/September 1 - June 1998. Nonsmokers, no pets. Negotiable. 454-6038.

**GULF ISLAND RETREAT** - pristine, sunny ocean view; home comfort; minutes from beach. \$475/week. 434-4906, 492-1669.

**IDEAL FOR VISITING SCHOLAR** - furnished room with ensuite bath. Main floor of faculty home. Nonsmoking. Breakfast and dinner included. David, 492-3433, 469-8877.

#### ACCOMMODATIONS FOR SALE

**VICTORIA PROPERTIES** - Knowledgeable, trustworthy realtor with Edmonton references will answer all queries, send information, no cost/obligation. "Hassle-free" property management provided. (250) 383-7100, Lois Dutton, Duttons & Co. Ltd. #101-364 Moss Street, Victoria B.C. V8V 4N1

**CALL NOW!!** To buy, sell, lease a condominium, \$32,900-\$695,000. Ask for Connie Kennedy, condo specialist/consultant, 25 years expertise. Re/Max, 488-4000, 1-800-275-8191.

**BELGRAVIA**, spacious, 1,530', semi, wonderful location facing a park, new kitchen, hardwood, west yard, \$159,900. Ed Lastiwka, Royal LePage, 446-3800.

**RIVERBEND BEST BUY** in Country Gardens Condos. Main floor unit has two large bedrooms and two full baths in suite laundry, many amenities

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**THE BELGRAVIA**: Adult condo complex, built 1991. Impressive residence. Two bedrooms, gas fireplace, large balcony, oversized showers. Garden doors. Underfloor heating. Appliances. Extra storage. Most desirable location. Underground parking. \$139,900. Florence Thompson, Prudential Spencer, 483-7170.

**WINDSOR PARK** - two blocks from University. Exceptional home with 3,700 square feet living space. Well-treed lot, over 1/3 acre. Attached double garage. Possession July 1. \$339,000. 433-4510.

**CLARIDGE HOUSE CONDO** - adjacent University, two bedrooms, two baths, 10th floor, south exposure, two heated parking, \$124,900. 437-8683.

**HIGHRISE CONDO**, Saskatchewan Drive, two bedrooms, two full baths. Gold Award from Western Living magazine, 432-0836.

**WINDSOR PARK!** Walk to University. Bungalow with hardwood, newer appliances, two bedrooms plus one down, great location, nice lot. \$198,500. Liz Crockford, Re/Max, 438-7000.

**RIVERBEND townhouse**, 1,900 square feet, 3 bedrooms, 3 baths, double attached garage, fireplace, light neutral decor, high ceilings. Liz Crockford, Re/Max, 438-7000.

**MILLCREEK RAVINE** - 9750 - 90 Avenue, 2 bedroom home on quiet cul-de-sac, treed lot and a half. Minutes to UofA, downtown, Whyte Avenue, and ravine. Only \$139,900. Available May 1, 1997. No agents. 449-6137.

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#### ACCOMMODATIONS WANTED

**HOUSESITTER**: Mature, non-smoking grad, pets welcome, housesitting references, Letter of Agreement, Mark, 455-4351.

**YOUNG PROFESSIONAL COUPLE** seeks house/condo near UofA for rent or housesitting. 864-242-3667.

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## 4th ANNUAL TRADE SHOW SEMINAR SCHEDULE/INFORMATION

### SEMINAR ROOM 1

**TITLE  
SPONSOR  
TIME**

**Managing or Preventing Cell Culture Loss Due to Contamination\***  
Fisher Scientific *Presenter: Ms. Pauline Flynn (Corning Costar Corporation)*  
9:30 - 10:45 am

**TITLE  
SPONSOR  
TIME**

**The Changing Face of Office Information (2 sessions)**  
Konica Business Machines *Presenter: Mr. Randy Fougere, National Marketing Mgr*  
11:00 - 11:45 am  
2:00 - 2:45 pm

**TITLE  
SPONSOR  
TIME**

**Information Technology Trends (2 sessions)**  
*Presenter: Multitech Electronics Inc.*  
12:00 - 12:45 am  
3:00 - 3:45 pm

**TITLE  
SPONSOR  
TIME**

**Water Types and Their Applications\***  
Fisher Scientific *Presenter: Ms. Penny Feitag, Elga Corporation*  
1:00 - 1:45 pm

*\*Individuals interested in attending these sessions are asked to pre-register by contacting Donna Dewar (Fisher Scientific) at 486-8308*

### SEMINAR ROOM 2

**TITLE  
SPONSOR  
TIME**

**Contracting for Consulting/Professional Services (2 sessions)**  
Materials Management Department *Presenter: Mr. Bill Moulton*  
10:00 - 11:00 am  
1:00 - 2:00 pm

**TITLE  
SPONSOR  
TIME**

**Direct Order Systems (2 sessions)**  
Materials Management Department *Presenter: Mr. Karl Gertz*  
11:30 - 12:30 pm  
2:30 - 3:30 pm

**THURSDAY, MAY 1, 1997**  
Universiade Pavilion (Butterdome)  
University of Alberta  
Edmonton, Alberta

# MARK YOUR CALENDAR!



# Windsor Park School part of the University advantage

*The giant next door is friendly, helpful—and extremely knowledgeable, says school principal*

By Michael Robb

**H**ow do they get the salt in the ocean? an elementary school student recently asked a University of Alberta professor.

Kids, they say, ask the darndest questions. But the children attending Windsor Park Elementary School, just two blocks west of the University, sometimes get the darndest answers, often from world authorities just down the street. At the School's recent two-week science conference, for example, the list of presenters included botanists, zoologists, anthropologists, physicists, chemists, psychologists and engineers.

The conference is only one example of impact U of A professors have on the school. In the last few months—

- Over 20 professors and experts participated in the school's science conference.
- In March and April, Dr. Tamara Bliss'

Dance 431 students worked with the Grade 3 and 4 classes.

- Children visited the campus to participate in sessional lecturer Marnie Rutledge's Physical Activity for Children classes.

- Dr. Roberta McKay's Ed El 408 (Writing in the Elementary School) students worked with the Grade 4 students on writing projects.

- Ed Es 348 students were observers in all of the school's classrooms in an effort to understand better the fundamental concepts of the reading process.

- Students in the PAC 310 class worked with the Grade 3 class at the swimming pool.

- Education students completed their teaching practicums at the school.

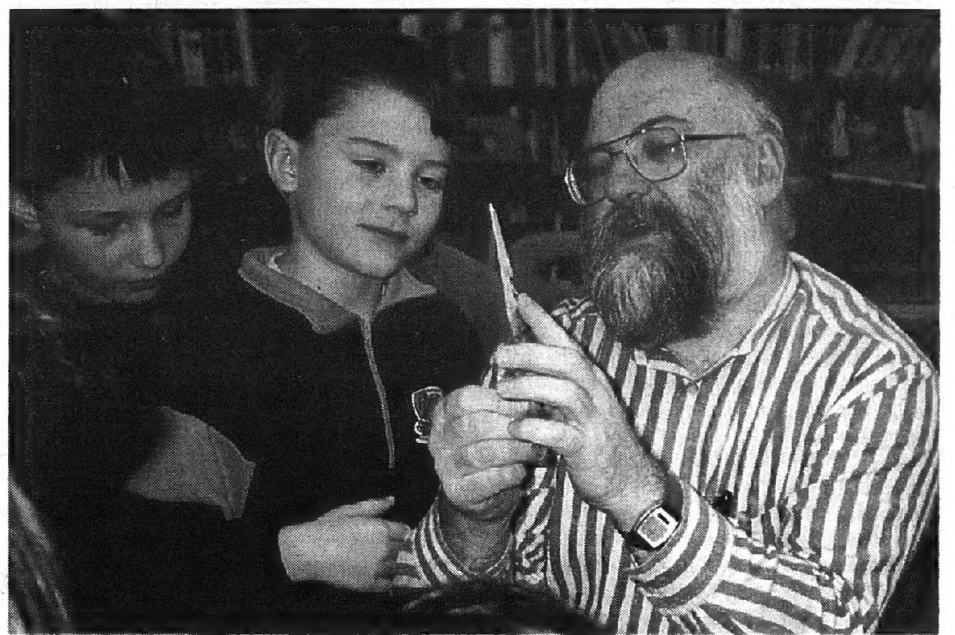
- A psychology student conducted research in the school.

- The school's students established a chat line via e-mail with physics professor Dr. Douglas Hubs.

"Not many people know just how extensive these connections between our school and the University are," says principal Fran Yeske. "At any one time we have five or six students working in our school. We have incredibly good teachers here, so it's a win-win situation."

"Our three visits to Windsor Park were wonderful opportunities for my students to observe and participate in the writing process of the children," says McKay. "The opportunity to see the theory in practice has been extremely valuable."

The kindergarten to Grade 6 school has an outstanding reputation for academic excellence and attracts students from throughout the city. Fully 58 per cent



Anthropology professor Dr. Ray LeBlanc shows an artifact to students at Windsor Park Elementary School.



Dr. Margaret Ann Armour (Chemistry) demonstrates the wonders of chemistry to Windsor Park students.

of the students come from outside Windsor Park and many are professors' children.

When the school surveyed parents recently on what they valued about the school, a number cited the school's connections to the University. Many of those same parents nurture those connections, says Yeske. For example in 1992, Maggie Haag, biological sciences faculty service officer, organized the first Science Blitz during which every class participated in hands-on science with community volunteers—many of them professors. She also established a lunch hour science club and served as a liaison between the University and the School for Science Week. That work earned her an Edmonton Public School Board dis-

trict service award.

The connections aren't random. Every visit, every field trip, every collaboration has to be related to the curriculum, points out Yeske. "We don't do field trips just for the sake of field trips." Adds Haag, When the students were studying structures as part of the curriculum, they also visited the Faculty of Engineering's structures lab.

The fact the school sits in the shadow of the University means those field trips are done much less expensively than by schools further away. Windsor students—much like their peers in several other neighbouring schools—are able to walk to campus. And the University's professors and students can also walk to the school. ■

University Extension Centre, 8303-112 Street, Edmonton • 492-3116 • <http://www.extension.ualberta.ca/openhouse.html>

## Extension Open House



Faculty of Extension  
University of Alberta



Saturday, April 12  
10am to 4pm

Fine Arts student show & sale  
Author readings  
Interactive displays  
Demonstrations  
Presentations  
Activities for the kids:  
Hands-on art  
Party with CAT IN THE HAT

### Meet the authors!

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Martyn Godfrey  
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